

DAILY JOURNAL

IMPORTANT INFORMATION

- INCLUDE TASK ASSIGNMENTS OR MOVEMENTS, REFLECTION ON THE DAY'S NEW LEARNING, ACCOMPLISHMENT, CHALLENGES FACED AND HOW YOU RESPONDED, OBSERVATIONS AND RECOMMENDATIONS ON THE IMPROVEMENT OF SYSTEMS / OPERATION / MANAGEMENT, ETC.
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- HARD COPIES OF THIS FORM SHOULD BE COMPILED AS PART OF THE STUDENT'S PORTFOLIO.

DATE	March 16, 2023 to March 22, 2023	AREA ASSIGNMENT	N.A.
TASK	Apply to HTEs	SHIFT/TIME	N.A.

March 16, 2023 (Thursday). I had my Accenture behavioral interview. The interview went well. I was able to answer all the questions, and I seemed to impress the person interviewing. I was told that I passed the interview and I will be going through the shortlisting process. They are going to be emailing me within 2 weeks from today about the final results. In the meantime, they sent me the list of requirements that I need to accomplish during the shortlisting process.

March 17, 2023 (Friday). Today I had my iRipple Behavioral Interview. I wasn't expecting the interview because it was already 5:30 PM when the employer called. Despite that, I was able to answer the questions of the interviewer properly, and I was set to have an interview with the team lead on Monday.

March 20, 2023 (Monday). Today I went to the Career Readiness Toolkit seminar of MCL. The speaker talked about how to set up my LinkedIn Profile and how to answer interview questions. After the seminar, I added more information in my LinkedIn Profile. The tips on answering interview questions were also pretty useful. I got a couple of ideas on how to improve my answers in my previous interviews. I didn't receive any calls from the team lead from iRipple because I was told that he was busy.

March 21, 2023 (Tuesday). Today I emailed my application to Fasttrack. Since it's nearing the deadline and I haven't gotten a company yet, I have decided to email Fasttrack. I hope they will reply to my email soon.

March 22, 2023 (Wednesday). Today I attended the "iConnect: Marketplace of Opportunities" event at MCL. In the event, there were multiple companies that talked about what they are doing and about the internship opportunities they were offering. One company that caught my eye was Manulife. Their internship program seemed interesting so I submitted my application to them through email.



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DATE	March 23, 2023 to March 29, 2023	AREA ASSIGNMENT	N.A.
TASK	Apply to HTEs	SHIFT/TIME	N.A.

March 23, 2023 (Thursday). Since I haven't gotten a company yet, I submitted my application to the companies that talked during the event yesterday. The companies that I emailed include ChrisImm Sentimo Kumon, TDK, ATEC, Ampleon.

March 24, 2023 (Friday). Today I had my online assessment for Fasttrack. The assessment was similar to the one I had for the Psychological exam I did before the term started. However, it was not as hard since I had more time to answer the questions. Overall, I think I did well and I even had time to spare to review my questions.

March 27, 2023 (Monday). During the weekend, I was informed that I passed the online assessment and my behavioral interview is scheduled today. The interview went smoothly as I was able to properly answer all questions and the employer seemed impressed. At the end of the interview I asked how I did on my interview and if there is any way I could improve. I was told that I should tailor my answers to the position I am trying to apply for. While they liked my answers, they told me that I highlighted my project management skills too much even though I am applying for a technical position. I think this is a valuable lesson for me and I will be tailor my answers better in the future.

March 28, 2023 (Tuesday). Today, I got the news that I passed the behavioral interview. I was told that there is going to be an orientation tomorrow. In the orientation, they are going to talk more about the tracks they are offering and the internship program in general.

March 29, 2023 (Wednesday). Today I attended the orientation for Fasttrack's internship program. They talked about what Fasttrack does, the internship program, and the tracks they are offering. They also told us that we should submit our acceptance form through email to finalize our decision on joining the internship program. However, I wasn't too keen on the tracks they were offering since they mostly revolved around SAP. Because of this, I am considering doing the learning path instead.



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DATE	March 30, 2023 to April 5, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finish Required Modules	SHIFT/TIME	N.A.

March 30, 2023 (Thursday). Today I finally decided that I am going to be doing the learning path instead of doing my internship on an HTE. I chose to do the learning path because I didn't like the internship program of Fasttrack. In addition to this, If I were to try other companies, I wouldn't be able to finish my internship on time and I would risk getting an INC grade.

The learning path course I chose on top of the required modules is the IBM DevOps and Software Engineering Professional Certificate on Coursera. I chose this course because it includes courses that I am interested in. These courses include Software Engineering, Microservices, Docker, Kubernetes, Test Driven Development, DevOps and CI/CD.. I also talked to Sir Elvis from the IEXCELL office to inquire about the LinkedIn learning path.

March 31, 2023 (Friday). Today I got access to LinkedIn Learning. In preparation for the learning path, I prepared my calendar to plot out what courses I should be taking per day. I have also compiled the courses I should take in LinkedIn Learning to avoid the hassle of trying to find them later. In addition to that, I have prepared my notes so that I won't be wasting time organizing my notes later on.

April 3, 2023 (Monday). Today I have finished the "Learning Design Thinking: Lead Change in Your Organization" course. The course talked about design thinking and that it's an approach towards problem solving that takes human empathy front and center. I hope to be able to apply this approach to one of my projects in the future.

April 4, 2023 (Tuesday). Today I started the "Develop Your Creative Thinking and Innovation Skills" learning path. The learning path contained courses that discussed various techniques on how to become more creative and innovative. I was able to complete the first four out of the seven courses. I hope to be able to finish the rest tomorrow.

April 5, 2023 (Wednesday). Today I finished Develop Your Creative Thinking and Innovation Skills learning path. One course in the learning path that stood out to me was the "Develop your Creative Thinking and Innovation Skills" course. I really enjoyed the activities that the instructor prepared.



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Malayan Colleges Laguna
A MAPÚA SCHOOL

REVISION NO.: 00
REVISION DATE: May 10, 2016

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DATE	April 6, 2023 to April 12, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finish Required Modules	SHIFT/TIME	N.A.

April 11, 2023 (Tuesday). During the weekend, Holy week and holiday, I was able to finish a whole bunch of courses. The courses that I have finished include Develop Critical Thinking; Decision-Making, and Problem-Solving Skills; Finished Project Management Foundations; Getting Started as an Agile Project Manager; Develop Your Communication Skills and Interpersonal Influence.

Today I have also finished a couple of shorter courses. These include Time Management Fundamentals; Time Management: Working from Home; Productivity Tips: Finding Your Productive Mindset; Finished Getting Things Done; Business Etiquette: Phone, Email, and Text.

April 12, 2023 (Wednesday). Today, I started on the IBM DevOps and Software Engineering Professional Certificate on Coursera. I started with the Introduction to DevOps course. The course talked about what DevOps is, its principles, and practices. I learned that DevOps extends agile by including the operations team in the agile team. This allows the whole organization to be agile and not just the development team. I also liked how the instructor delivered the course. His lively presentation hooked me into the discussion.


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DATE	April 13, 2023 to April 19, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finish Specialization Modules	SHIFT/TIME	N.A.

April 13, 2023 (Thursday). Today, I finished the "Introduction to Cloud Computing" course. The delivery of the course is not as good as the introduction to DevOps course but I still learned a lot. I learned about why cloud computing is important, the cloud computing models, the components of cloud computing, and trends and practices in cloud computing.

April 14, 2023 (Friday). Today I started with the "Introduction to Agile Development and Scrum" course. I only got through the first module of the course which is an introduction to Agile and Scrum. It discussed the Agile Philosophy, Scrum Methodology, and agile organizations. I wasn't able to finish because I had to attend a seminar for my CS Field Trip course. The seminar was about Augmented Reality as Sir Jordan Deja was the speaker. While the seminar was not part of my learning path proposal, I found it interesting and worth mentioning in this journal.

April 17, 2023 (Monday). During the weekend, I finished the rest of the "Introduction to Agile Development and Scrum" course. The second module talked about agile planning which included user stories and sprint planning. The third module talked about the daily execution of scrum which includes the actual development workflow, sprint reviews, sprint retrospectives, and measurement. Overall, my knowledge on agile development and the scrum methodology was refreshed through the course.

Today, I didn't get to do much because I had to do our ITSO visit for our IT Field Trip course. However, during the ITSO visit, I asked a couple of questions about what I learned so far in my professional certificate. I asked questions about how they were using cloud computing, virtualization technology and about their software projects. After doing the ITSO visit, I finished tasks for our Thesis that needed to be accomplished on campus so I didn't have any time to progress on my learning path.

April 18, 2023 (Tuesday). Today I was able to make a little progress on the "Introduction to Software Engineering Course". I was able to learn about the software development life cycle and software development. However, I wasn't able to progress further because I had to go to school for the GDAP Roadshow dry run.

April 19, 2023 (Wednesday). Today I wasn't able to make any progress on my learning path because I had to facilitate the GDAP Roadshow. In the GDAP roadshow, there were multiple speakers who talked about game development. Even though game development is not part of my learning path, I appreciated their talk and thought it was worth mentioning in my journal. Tomorrow, I plan to finish the "Introduction to Software Engineering Course".



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DATE	April 20, 2023 to April 6, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finish Specialization Modules	SHIFT/TIME	N.A.

April 20, 2023 (Thursday). Today I finished the "Introduction to Software Engineering" course. The third module was a refresher on the basics of programming. The fourth module was about software architecture, design, and patterns. The last module was about job opportunities and skill sets in software engineering. Throughout the courses, there were snippets of videos where real software engineers talked about their experience which gave me deeper insights about how professional software engineers worked. Overall, the course deepened my understanding of software engineering even though I was already familiar with it. Furthermore, I was also able to understand the nuances of software engineering better.

April 24, 2023 (Monday). Today I finished the "Hands-on Introduction to Linux Commands and Shell Scripting" course. At the start, I expected that I would finish the course quickly as I already knew my way around the command line. However, to my surprise, I was able to learn a lot of useful bits of knowledge that I didn't know before. There include the pipe operator, grep, tar, variables among others. Overall, through the course, I became more confident around the command line.

April 25, 2023 (Tuesday). Today, I finished the "Getting Started with Git and GitHub" course. The course was mostly a review as I already knew how to use git and github. The course talked about the basic commands of git such as add, commit, push, pull and fetch. It walked through creating a repository in Github and how to push changes to the repository.

April 26, 2023 (Wednesday). Today, I wasn't able to work on my learning path as I was working on my Hackathon Project for CCIS week. The project I was working on was an augmented navigation based campus navigation system for Mapua MCL.



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DATE	April 27, 2023 to May 3, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finish Specialization Modules	SHIFT/TIME	N.A.

April 27, 2023 (Thursday). Today, I also wasn't able to work on my learning path because I continued on working on my Hackathon project for CCIS week. In the morning, I finished some of my modules and I taught my groupmates how to use unity and its augmented reality library. In the afternoon, I attended the dry run for CodeX 2023 as the actual event was going to happen tomorrow. In the end, we were able to finish our project although I had to lose a bit of sleep.

April 28, 2023 (Friday). Today I wasn't able to make progress on my learning path because I facilitated for CodeX 2023. I plan to get back on track by finishing the next two courses during the weekend. These courses are the "Python for Data Science, AI & Development" and "Python Project for AI & Application Development".

May 2, 2023 (Tuesday). This weekend, I was able to finish the "Python for Data Science, AI & Development" and "Python Project for AI & Application Development" courses. The two courses were mostly just a review on python which I am already familiar with.

Today I finished the "Introduction to Containers w/ Docker, Kubernetes & OpenShift" course. I struggled a bit with this course a bit because I am new to containerization technology. Despite this, I found the technology to be really interesting, and in the end I was able to learn a lot of valuable skills. I learned how to create containers using docker, and use kubernetes to orchestrate and horizontally scale applications.

May 3, 2023 (Wednesday). Today I started on the "Introduction to Test Driven Development" course. However, I wasn't able to complete the course as I had to focus on creating the extended abstract of our thesis. I plan to finish the rest of the course tomorrow.



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DATE	May 4, 2023 to May 10, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finish Specialization Modules	SHIFT/TIME	N.A.

May 4, 2023 (Thursday). Today I finished the "Introduction to Test Driven Development (TDD)" course. The course discussed test driven development which is a method in software engineering where the developer writes the test first before writing the code. This was one of my favorite courses so far as it enforces the developer to view the unit in terms of the user of the code which promotes good code practices.

May 5, 2023 (Friday). Today I finished the "Continuous Integration and Continuous Delivery (CI/CD)" course. The course discussed what continuous integration and continuous delivery is, why it is needed, and their differences. The course also discussed the various tools used for continuous integration and continuous delivery. For continuous integration, the course discussed Github workflow which allows tasks such as running unit tests and linting every time the developer makes a pull request. For continuous delivery, the course discussed Tekton which allows the developers to run unit tests and linting before the code is deployed to the microservice cluster.

May 8, 2023 (Monday). During the weekend, I completed two courses. The first one is "Application Security and Monitoring" which discusses DevSecOps and various tools and methods to monitor and secure applications. The second course I completed was "Application Development using Microservices and Serverless". The course discusses microservices, 12 factor app methodology, and serverless technology. Today, I have made progress on the last course in the professional certificate which is the DevOps capstone project. In the project, I need to create a RESTful API and apply the various tools and methods that I have learned in the past modules. I have accomplished half of the tasks and I hope to finish the remaining tasks tomorrow.

May 9, 2023 (Tuesday). Today, I have finished the DevOps capstone project. In the project I was able to demonstrate my skills in Agile Development, Python programming, Git and Github, Cloud Computing, Shell Scripting, Containerization Technology, Test Driven Development, and Application Security and Monitoring, and CI/CD. Having finished the DevOps capstone project, I have now completed the IBM DevOps and Software Engineering Professional Certificate. Looking back at the previous week, I have learned a lot about DevOps and have gained a deeper understanding of software engineering. In addition to the professional certificate, I believe that I was able to improve my time management skills. Even though the courses were time consuming I was able to manage my time so that I still have time to work on my other subjects and extracurricular activities. Overall, I believe that I have learned a lot of valuable skills from the certificate and I know that I will be holding on to them throughout my professional life.

May 10, 2023 (Wednesday). Today, I have finished the beginner javascript course for Metacrafters. The course was just a review on the basics of Javascript which I am already familiar with. The course ended with a project where I have to use javascript to create an application that simulates the minting of tokens.



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DATE	May 11, 2023 to May 17, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finish Metacrafters and Create Portfolio	SHIFT/TIME	N.A.

May 11, 2023 (Thursday). Today I have finished the beginner solidity course. The course was mostly a review because I have already done some development of solidity in the past. However, despite being familiar with solidity, I still found a couple of new things to learn about the language. The course ended with a project where I needed to create a smart contract that allows users to mint and burn coins. Overall, I gained a deeper understanding of the syntax of solidity.

May 12, 2023 (Friday). Today I have started with the intermediate solidity and avalanche course. The course discussed more advanced topics in the Solidity programming language such as proxy contracts, and front end integration. I was able to finish the first two projects. For the first project, I created a smart contract called MetaTrivia which is a trivia game on the blockchain where users gain points by creating and answering trivia. For the second project, I created a smart contract that allows pharmacists to verify the authenticity of prescriptions created by doctors.

May 15, 2023 (Monday). Today I have finished the intermediate solidity and avalanche course. I was able to learn more advanced topics in the Solidity programming language including fallback and payable functions, abstract contracts and interfaces, ERC Contracts, and deploying contracts to the Avalanche C Chain. For the third project of the course I created a token called job-coin that allows the user to get their balance, mint coins, burn coins and transfer coins to another account. For the final project of the course, I created an ERC20 token called degen token. Having completed the three courses, I have accomplished all requirements for Metacrafters.

May 16, 2023 (Tuesday). Today I have started working on my portfolio. I have already done the design of the portfolio previously so I focused on implementing the design of my portfolio. Tomorrow I plan to deploy and get feedback from other people.

May 17, 2023 (Wednesday). Today, I have finished developing my portfolio website. The first task I had to do was to make the website responsive. To accomplish this, I stored the screen sizes as SCSS variables and used media queries. Now that I have finished with my portfolio website, the second task I did was to get feedback from my friends on how to improve the design of the website. My friends gave me a lot of useful feedback. They mentioned that I shouldn't use pure whites, and pure blacks, I should increase the size of my texts, adjust the project section. After adjusting the website based on the feedback of my Friends, I fixed the parts that weren't responsive because of the changes in the website. I then generated content for the website by replacing placeholder projects with real project information. Finally, I deployed the website to GitHub pages. The website could be accessed through <https://lipatjob.github.io/>. After deploying the website I have started on the Module 3 assessment which I plan to finish tomorrow.



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