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Education

2023~2027

Reading in AI & Data Science
Robert Gordon University

2019~2022

Pearson's Qualification in computer science/ICT
Gateway College

2019~2022

Ordinary Levels with Math's and Computer Science
Gateway College

2009~2022

General Academics
Gateway College

Expertise

- Thorough understanding of XPATHS and locators as such.
- Adept understanding of Selenium, BS4 and other corresponding automation libraries and suite's with regards to python and java.
- Professional in MS office 365 (Word, Excel, PowerPoint, MS Access, Excel Macros).
- Adept understanding of Azure Virtual Desktops.
- Progressively developing understanding of R scripting and data representation through R studio.

Language

English

Ethan Perera

Reading in AI & DATA SCIENCE(BSc)

As an undergraduate in data science I believe myself as to being a competent individual in overtaking tasks related to designing user friendly designs and interfaces for applications and websites. Aside from that I assume myself as to being capable of understanding a users issue and providing an adequate response and solution for them. This includes the process of automating a repetitive function is any corresponding scenario. With regards to process automation, I understand the concepts and process of automating monotonous tasks that seemingly expends the time of an individual unnecessarily.

Professional Experience

○ 2020~2022

Gateway College

Editor/Designer for Gamer.LK

While remaining a student of Gateway, I was offered the opportunity of working under Gamer.lk to design and edit posters for live streams and other such events. As a result of this I had retained a fair amount of experience in doing activities as such under constraining circumstances such as an insufficiency in time. Aside from managing to accomplish what was required under a restrictive schedule I had managed to design posters and videos that had attained the attention of multiple individuals (inclusive of colossal organizations such as Dialog, SLT, etc).

○ 2023 (March to May)

Metamorph Global

Amateur data automation engineer for a project

I was tasked with automating the process of data collection on sites such as LinkedIn. The process had included the use of many suites and libraries such as Beautiful soup and Selenium. Aside from that the process of cleaning through the collected data was automated by me as well through the creation of multiple software's and excel Macros. To conclude, the project was lead and handled by myself over the span of a month with an extended period of troubleshooting, over the additional span of another month, to ensure that the software is working as intended.

○ 2023 (April to January 2024)

Questas Global/ BCS Technology

Customer support engineer

As a customer support engineer at the two mentioned companies, I was issued a series of tasks that had me contact the users directly in order to issue and enforce certain policies. As an extension to the process of contacting these users, I was tasked with initializing and implementing some of these policies myself. Furthermore, license assignments were another task in terms of excluding users to have their licenses reassigned to another group. Having troubleshooted all these issues I was conclusively left with a diverse range of expertise in license assignment (Microsoft licenses), Active directory group management, hands on customer support troubleshooting, troubleshooting RDP sessions, etc.

○ 2024 (July to August 2024)

Rizing (IT Services and IT Consulting)

Summer Intern

As a summer intern I was put through a months worth of sessions that had introduced me to multiple high ranking individuals and persons that each had a story and vivid piece of advice to share. Having joined it I was taken across multiple companies that each had explained what it was like to work at a place and such and what it took to get there. Furthermore, I was introduced to the concepts of ABAP and SAP, To conclude, I was introduced and brought into the industry through this internship.

Expertise

- Amateur understanding of data representation through R Studio.
- Enhanced understanding of CSS and HTML.
- Adept understanding of how to implement Java Script and follow coding standards for group projects with Github.
- Developing understanding of how to utilize Github in certain projects to ensure that version controlling is implemented unto a project to guarantee that it may be made possible to backtrack into different versions and release a more stable version of an application before fully releasing it.
- Thorough understanding of java and python.

Programming Languages

- Java (Very proficient)
- Python (Very proficient)
- CSS
- HTML
- Java Script
- PHP (amateur but proficient)
- SQL

Frameworks

- Selenium (for automation)
- JDA (Java Discord API)
- JavaFX (application development)

Academic Experience

○ 2024 (Jan) ~2024 (May)

Informatics Institute of Technology

Web Technology - Group Project for Medical Site

For this module we were given a comprehensive task in developing a simple website for our coursework, it was inclusive of CSS, HTML and Java Script elements as to where each of them had us develop a dynamic and functional site that was ready to be deployed. All in all we retained the following skills:

- Project Management Skills
- Java Script, HTML, CSS
- GIT and Version Control (complex fundamentals)

○ 2023 (Sept) ~2024 (May)

Informatics Institute of Technology

Programming Fundamentals - OOP based JavaFX application

The module here enhanced my current and diverse knowledge in python and introduced me to Java which had conclusively helped me develop comprehensive applications through the use of JavaFX and Scenebuilder. Code editors such as intellij and VS code were utilized to the point where they were each made into a series of editors that I am firmly confident in using and programming in. Conclusively, the module had provided me with a thorough understanding of how to code in both python and java while introducing me into application development for automation and end user requests/projects.

https://github.com/ethanchristoff/CM1601_2331419_20221812_Ethan.P_JavaFX

○ 2024 (Jan) ~2024 (May)

Informatics Institute of Technology

Data Structures & Algorithms - Path Finding Algorithm Application

This module had introduced me to the fundamental data structures present in most coding platforms such as stacks, queues and linked lists. With regard to the recent coursework provided to us in the second semester of our first year, I was tasked with developing a simple robot path finding algorithm that had utilized an A* algorithm with custom data structures that had varied from a custom priority queue and a doubly linked list. Aside from that the module had taught me of how time complexity is essential in application and process development as it minimizes the overall codes processing time regardless of the size of the input entered by the user. Furthermore, I was introduced to the fundamentals and principles of space complexity as well.

○ 2023 (Sept) ~2024 (May)

Informatics Institute of Technology

Mathematics for computing - R based coursework

Module CM1606 had given me a very firm understanding of statistical data analysis through the use of mathematical techniques and had taught me of how I can represent that data through the use of tools such as R studio that has a suite of data representation tools for both scientific and mathematical terms. Not to mention that this module had also given me a panoramic introduction into the domain of statistical analysis and data representation, further enhancing my knowledge into how data can be engineered into a curated form that may be easy to present.

References

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