Gabriel Woo

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EDUCATION

Singapore Institute of Technology / University of Glassgow

Bachelor of Science with Honors in Computer Science *Sep. 2019 – Aug 2022*

EXPERIENCE

Business Architecture Senior Analyst June 2024 – Present

Accenture

- Assisted in developing a full-stack web application using React Js and Java Springboot, utilized Podman for deployment and AWS for hosting and log monitoring
- Tasked to resolve Front End production issues on a live full-stack web application using React Js. Managed issues using Jira and updated components for future ease of debugging
- Involved in the development of a POC system using React Js and project was completed with no delays
- Created multiple API endpoints for external systems to use. Developed new features and debugged existing issues using Pega

Business Architecture Analyst Sep. 2022 – May 2024

Accenture

- Assisted in the development of a full-stack web application using Vue Js and .Net C #, utilized Azure for hosting and Gitlab pipelines for deployment. Involved in resolving issues that were found after system go-live
- Involved in the enhancement of a Word Document Macro plugin that could assist in a digital statement taking process using VBA
- Implemented system enhancements to consume payloads from external systems using MQ and SFTP in Pega
- Aided to improve system performance by identifying slow queries either updating said queries on Pega or via creation of indexes for SQL

Intern Sep. 2021 – April 2022

Accenture

- Supported multiple training sessions that run through different use case functions developed for the system.
- Developed training materials using Powerpoint and created multiple interactive simulation slides via an application simulator
- Developed system enhancements to improve Quality of Life for users such as a feature highlights popup and a system announcement banner.

PROJECTS

Personal Portfolio | *https://gabrielwoo.github.io/Portfolio/*

- Developed a Web Application using React Js to showcase current and past projects

Computer Vision |

- Developed a Object Detection Model using YOLO v5 algorithm and Pytorch framework in Python with an accuracy of 97% to determine the cleanliness/dryness of syringes.
- Required to work with design students to build a prototype and project was completed with no delays

Covid Dashboard | *https://gabrielbeepboop.github.io/CSC3007-project-codes/*

- Designed and developed an algorithm in Python to recommend safe countries to travel to during the COVID period. The algorithm process consisted of data collection, preprocessing, mining, and visualization.

TECHNICAL SKILLS

Languages: C #, Java, Python, Javascript, HTML/CSS, SQL
Frameworks: .Net, Springboot, Flask, React / Vue
Developer Tools: Git, Docker, Jira, Kubernetes, VS Code, Visual Studio, IntelliJ
Low-Code Software: Pega