Gino Salayo

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Skills

Languages	Java, Python, C++, JavaScript, HTML/CSS
Technologies	Node.js, React, React Native, Redux, MySQL, MongoDB, GitHub
Coursework	Data Structures and Algorithms, Computer Networks and Security, Operating Systems

Experience

Computers and Control Design Intern   May 2017 – July 2018
Ontario Power Generation   Pickering, ON

- Tested and debugged a toolset used for commissioning nuclear power plant data by utilizing acceptance testing and conditional logic, leading to deployment for station use (*C#*)
- Automated manual inventory checks by implementing file parsing, iteration, and boolean logic to reduce time needed to perform checks by 90% (*VBA, Excel*)
- Managed building digital signage system as lead engineer using knowledge of client-server architecture to maintain an uptime of 99%
- Displayed exceptional written and verbal communication skills through technical reports and collaboration with stakeholders and team members to streamline operations

Project Work

Contact Tracing App (*github.com/filigino/trace-app*)   Personal Project

- Created a full stack mobile app for implementing contact tracing of COVID-19 using Bluetooth wireless communication to detect physical proximity to other users (*Node.js, JavaScript*)
- Exhibited keen attention to detail while designing intuitive front-end UI (*React Native, Redux*)
- Demonstrated excellent problem solving abilities while constructing a back-end web server and database that communicates with the app via REST API (*Express, JavaScript, MongoDB*)

Smart Farm System   McMaster Software Department Capstone – *1st Place*

- Developed a precision agriculture prototype that collects farm data using field sensors, sends it to a web server to be processed and stored, and presents it on a responsive UI
- Exhibited outstanding teamwork and interpersonal skills while collaborating in a group of 7 using *agile* development methodologies to organize affairs
- Displayed strong organizational capabilities while documenting the software development life cycle (e.g., requirements, design, verification and validation)

Education

Bachelor of Engineering, Mechatronics (Co-op)   Completed April 2019
McMaster University   Hamilton, ON

- Graduated *summa cum laude – GPA 3.8/4.0*