

Gino Salayo

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Skills

Languages Java, Python, C++, JavaScript, HTML/CSS
Technologies Node.js, React JS, React Native, Redux, REST, Express, MySQL, MongoDB, GitHub
Coursework Data Structures and Algorithms, Full Stack Web Development, Computer Networks and Security, Databases

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)
- 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 affairs

Project Work

Smart Farm System

- Developed a precision agriculture prototype that collects, validates, and stores farm data
- Created a local storage database for farm data and configured wireless transceivers using Python and SQLite
- Demonstrated excellent teamwork skills collaborating in a group of 7 using agile development methodologies
- Achieved 1st place among McMaster Software Department engineering capstone projects

Personal Website (ginosalayo.com)

- Developed a single page web application (React, Bootstrap, JavaScript, and HTML/CSS)

Maze Runner Robot

- Designed and built a robot using an Arduino, servo motors, and ultrasonic proximity sensors that guides itself out of a maze

Education

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

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