

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 Full Stack Web Development, Computer Networks and Security,
Data Structures and Algorithms, Databases

Experience

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

- Displayed excellent problem solving abilities while creating a VBA scripting tool to reduce time needed to perform spare parts inventory by 90%
- Demonstrated strong analysis skills while testing, debugging, and modifying a software toolset in C# used for commissioning nuclear power plant data
- Showcased exemplary communication skills through formal test reports and while interacting with stakeholders and team members

Project Work

Personal Website (ginosalayo.com)

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

Smart Farm System

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

Pacemaker

- Designed a pacemaker to electrically stimulate a heart and monitor heart rate
- Collaborated in a team of 7 to implement and document 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