Gino Salayo

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Skills

Languages	Java, Python, C++, JavaScript, HTML/CSS, Matlab
Technologies	Node.js, React JS, React Native, Bootstrap, REST, Express, MongoDB, Git, GitHub, Simulink, Autodesk Inventor
Coursework	Full Stack Web Development, Computer Networks and Security, Data Structures and Algorithms

Experience

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

- Created a spare parts tool with VBA to reduce time needed to perform inventory by 90%
- Performed testing, debugging, and modification of a software toolset in C# used for commissioning nuclear power plant data
- Demonstrated excellent written communication skills through formal hardware/software test memos and detailed technical reports

Project Work

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 exemplary teamwork skills collaborating in a group of 7 using scrum development methodologies
- Achieved 1st place among McMaster Software Department engineering capstone projects

Personal Website

- Developed with Bootstrap, JavaScript, and HTML/CSS to have a landing page for myself

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