

# Gino Salayo

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## Skills

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**Languages** Java (proficient), Python (proficient), C++ (prior experience), JavaScript, HTML/CSS  
**Technologies** Node.js, React JS, React Native, Bootstrap, REST, Express, MongoDB, GitHub  
**Coursework** Full Stack Web Development, Computer Networks and Security,  
Data Structures and Algorithms

## Experience

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

- Created a VBA script to reduce time needed to perform spare parts 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 detailed technical reports and while interacting with stakeholders and team members

## Project Work

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### 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
- Implemented and documented the software development life cycle (e.g., requirements, design, verification and validation)
- Displayed exemplary teamwork skills collaborating in a group of 7 using scrum development methodologies
- Achieved 1<sup>st</sup> place among McMaster Software Department engineering capstone projects

### Maze Runner Robot

- Demonstrated exceptional problem analysis and resolution skills through designing a robot that guides itself out of a maze
- Displayed superb teamwork skills working in a group of 3 to assemble the robot using an Arduino, servo motors, and ultrasonic proximity sensors

## Education

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

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