

# Gino Salayo

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## Skills

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**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

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### 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

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### Contact Tracing App ([github.com/filigino/trace-app](https://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 – **1<sup>st</sup> 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

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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