

Gino Salayo

✉ gino.salayo@gmail.com | 📞 (647) 808-4466 | 🔗 linkedin.com/in/ginosalayo | 🌐 ginosalayo.com

Skills

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

Contact Tracing App (github.com/filigino/trace-app) Personal Project

- Created a full stack mobile app for implementing contact tracing of COVID-19 using Bluetooth 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**)
- Utilized a decentralized network architecture to store and process data locally on the app

Smart Farm System McMaster Software Department Capstone – **1st Place**

- Developed a precision agriculture prototype that collects, validates, and stores farm data
- Created a local database for farm data and configured wireless transceivers (**Python, SQLite**)
- Exhibited outstanding teamwork and interpersonal skills while collaborating in a group of 7 using **agile** development methodologies to organize affairs

Education

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

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