

# Gino Salayo

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## Skills

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

## Experience

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<b>Computers and Control Design Intern</b>	May 2017 – July 2018
Ontario Power Generation	Pickering, ON
<ul style="list-style-type: none"><li>• Created a spare parts tool with VBA to reduce time needed to perform inventory by 90%</li><li>• Performed testing, debugging, and modification of a software toolset in C# used for commissioning nuclear power plant data</li><li>• Demonstrated excellent written communication skills through formal hardware/software test memos and detailed technical reports</li></ul>	

## Project Work

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### 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 1<sup>st</sup> 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

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<b>Bachelor of Engineering, Mechatronics (Co-op)</b>	Completed April 2019
McMaster University	Hamilton, ON
<ul style="list-style-type: none"><li>• Graduated <i>summa cum laude</i> – GPA 3.8/4.0</li></ul>	