Michael **Le**

SOFTWARE ENGINEER

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Skills

Languages

Python	JavaScript	HTML / CSS	Arduino
C/C++	Go	Java	

Tools

Node.js	React	Socket.io	Express
Git	JQuery	Flask	Linux

Projects

Kinundrum   *Node.js - React*
EDUCATIONAL WEB APPLICATION FOR UNDERGRADUATE ANATOMY STUDENTS   *Jul. 2018 - PRESENT*
- Designed React components to be reusable, producing a highly cohesive web application; simplifying and accelerating the development process.
- Transformed static webpages produced by a UI/UX designer into interactive exercises and integrated them into the web application.
- Managed and reviewed code of other developers to ensure readability,scalability and maintainability for future developers.

Smart Lights   *Node.js - Python - Arduino*
SMART RGB LIGHTING FOR THE HOME   *Jul. 2017 - Sep. 2017*
- Created servers hosted on a Raspberry Pi communicating through RESTful API to process and execute user commands.
- Produced voice responsive capabilities through Google's voice recognition API.
- Developed a web application for precise colour control from mobile devices.

Check out more at le-michael.github.io

Honors & Awards

2018	**2nd Place**, McMaster Programming Competition	*Hamilton, Canada*
2017	**2nd Prize**, McMaster Engineering Competition	*Hamilton, Canada*

Clubs

McMaster Competitive Programming Team   *Hamilton, Canada*
TEAM MEMBER   *Oct. 2017 - PRESENT*
- Contribute by creating and expanding upon algorithms to solve competitive programming problems.
- Represented McMaster University at the annual International Collegiate Programming Contest.

Experience

MCW Consultants Ltd   *Toronto, Canada*
ELECTRICAL ENGINEERING STUDENT   *May. 2018 - Aug. 2018*
- Devised the wiring layout of lighting systems for large electrical projects.
- Organized and simplified architectural drawings for other engineers.

Education

McMaster University   *Hamilton, Canada*
B.ENG. IN SOFTWARE ENGINEERING   *Sep. 2016 - PRESENT*
Cumulative GPA of 3.7/4.0