

# Michael Le

SOFTWARE ENGINEER

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## Skills

### Languages

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

### Tools

Node.js   Express   Socket.io   MongoDB   Flask  
Git   JQuery   React   Unix

## Projects

### 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.

### Pictoguess

*Node.js*

AN ONLINE DRAWING GAME

*Jun. 2017 - Jul. 2017*

- Established real time server to client communication with web sockets.
- Implemented the ability for users to create and join private lobbies.
- Provided custom profiles for users to draw custom display pictures and choose personal display names.

## Honors & Awards

### DOMESTIC

2018   **2nd Place**, McMaster Programming Competition

*Hamilton, Canada*

2017   **2nd Prize**, McMaster Engineering Competition

*Hamilton, Canada*

## Experience

### Annie's Tutoring Centre

*Mississauga, Canada*

ARITHMETIC TUTOR

*Sep. 2012 - Sep. 2016*

- Instructed groups of students of varying degrees of mathematical comprehension.
- Held weekly one on one development assessment sessions with students to identify areas of improvement.

## Clubs

### McMaster Competitive Programming Team

*Hamilton, Canada*

TEAM MEMBER

*Oct. 2017 - PRESENT*

- Contribute by creating and expanding upon algorithms to solve competitive programming problems.
- Chosen as one of nine students to represent McMaster University at the annual International Collegiate Programming Contest.

## Education

### McMaster University

*Hamilton, Canada*

B.ENG. IN SOFTWARE ENGINEERING

*Sep. 2016 - PRESENT*

Cumulative GPA of 3.7/4.0