

# Vicky Mohammad

## EXPERIENCE

### **Apotheosis Inc, Ethos — CTO/Lead Developer**

Los Angeles, CA and Toronto, On / January 2019 – Present

- Worked with Flutter Framework, Dart, Typescript, GraphQL and NodeJS.
- Organize and create decision with the team to achieve desired goals.

### **University of Guelph, CIS2750 — Teaching Assistant**

Guelph, On / December 2018 – April 2019

- Help students prevent segmentation faults, memory leaks, using Valgrind and GDB.
- Intensively worked with C, JavaScript, MySQL, Ajax, NodeJS, Express and FFI.
- Mentored 30+ students and conducted lessons to help excel their curriculum.

### **Good Drivers, freelance — Web Developer**

Mississauga, On / June 2018 – September 2018

- Update, communicate, and design a modern responsive website with the client.
- Bug fixing old code and incorporate their CMS with the new website.
- Worked with HTML, CSS, JavaScript, jQuery, MySQL, and PHP.
- <https://www.gooddrivers.ca/>

### **University of Guelph, research — Research Assistant**

April 2018 – September 2018

- Solving NP-complete problem of finding Hamiltonian cycle in mid-way vertices of an odd Nth Hypercube using reflected binary code.
- Creating an algorithm of polynomial time complexity using grey code pattern instead of exhaustive search.

### **Royal Pioneer, freelance — Desktop App Developer**

Mississauga, On / April 2018 – June 2018

- Create a desktop app that tracks records of company's client data.
- Learned and worked with HTML, CSS, JavaScript, and ElectronJS.
- Greatly increase the company's productivity by building an automation for invoice record, purchase agreements, shipping slip and other sale's information.

### **University of Waterloo, E Co-op, Treelea — Mobile App Developer**

Waterloo, On / January 2017 – April 2017

- Develop plans and flowchart for algorithm, workflow, or process to determine flaws.
- Integrate Google Firebase in Swift to be able to manage real-time database.
- Incorporate Facebook SDK and APIs such as authorization and user statistics.

### **University of Toronto, ICUBE, Sensify Labs — Front-End/Designer**

Toronto, On / October 2016 – November 2016

- Design modern intuitive UI/UX scheme using Sketch and Photoshop.
- Create assets for interface implementation, logo designs and image editing.
- Communicate and assist with developers in HTML, CSS, and WordPress.

## EDUCATION

### **Candidate for Bachelor of Computer Science**

University of Guelph – Anticipated graduation in the year 2020

## CONTACT

**1- (519)-731-5289**

[mohammav@uoguelph.ca](mailto:mohammav@uoguelph.ca)

## KNOWLEDGE AND SKILL

### **Languages/Frameworks:**

C/C++, Dart, TypeScript, HTML, CSS, Python, Java, Swift.

### **Development Environment:**

MacOS, Linux, Windows.

### **Tools:**

Visual Studio Code, Android Studio IntelliJ, XCode, Photoshop, Sketch.

## LANGUAGE

Speaks fluent English and Indonesian/Bahasa.

## LINKS AND WEBSITES

### **Website:**

[vickymohammad.com](http://vickymohammad.com)

### **GitHub:**

[github.com/vicmoh](https://github.com/vicmoh)