Vicky Mohammad

Schmick Inc, App — *Lead Developer*
Toronto, On / August 2020 – Present
- Work with Flutter, Dart, Typescript, Firebase, Firestore, Cloud Functions.
- Lead the development team and architect scalable backend.
- Implement ML models such as toxic messages and NSFW filtering.

Deeb Biologics Inc, DBSense — *Lead Developer*
Guelph, On / August 2021 – February 2022
- Develop client Flutter and ReactJS app and binding integration of low-level code for DBSense hardware that detects COVID through image processing.

Apotheosis Inc, Ethos — *CTO and Lead Developer*
Los Angeles, CA / January 2019 – December 2021
- Work with Flutter Framework, Dart, Typescript, GraphQL and NodeJS.
- Organize and create decisions with the team to achieve desired goals.

University of Guelph, CIS2750 — *Teaching Assistant*
Guelph, On / December 2018 – April 2019
- Help students prevent segmentation faults, and memory leaks, using Valgrind/GDB.
- Work with C, JavaScript, MySQL, Ajax, NodeJS, Express and FFI.
- Mentored 30+ students and conducted lessons to excel in their curriculum.

Good Drivers, Website — *Web Developer*
Mississauga, On / June 2018 – September 2018
- Bug fixing old code and incorporating their CMS with the new website.
- Work with HTML, CSS, JavaScript, jQuery, MySQL, and PHP.

University of Guelph, Research — *Research Assistant*
Guelph, On / April 2018 – September 2018
- Create a solver of the NP-complete problem of finding a Hamiltonian cycle in mid-way vertices of an odd Nth Hypercube with reflected binary code.
- Create an algorithm of polynomial time complexity using a grey code pattern instead of an exhaustive search.

Royal Pioneer, Contractor— *Desktop App Developer*
Mississauga, On / March 2018 – June 2018
- Create a desktop ElectronJS app that tracks
- records of the company's client data.
- Increase the company's productivity by building automation for invoice records, purchase agreements, shipping slips and other sales information.

University of Waterloo, E Co-op, Treelea — *Mobile App Developer*
Waterloo, On / January 2017 – April 2017
- Develop plans and flowcharts for algorithms, workflow, or processes.
- 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, storyboards, logo, and image editing.
- Create assets for interface implementation, logo designs and image editing.

CONTACT

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EDUCATION

Bachelor of Computer Science
University of Guelph – 2020

KNOWLEDGE AND SKILL

Languages/Frameworks:
C/C++, Rust,
Dart, Python,
Javascript,
TypeScript,
Java, Swift,
HTML, CSS.

Environment:
macOS, Linux, Windows.

Tools:
Bash, Vim, Visual Studio Code, Android Studio IntelliJ, XCode, Photoshop, Sketch, Jira, Asana, Slack.

LANGUAGE

Speaks fluent English and Indonesian/Bahasa.

LINKS AND WEBSITES

Website:
vickymohammad.com

GitHub:
github.com/vicmoh