Vicky Mohammad

EXPERIENCE

University of Guelph, CIS2750 — *Teaching Assistant*
December 2018 – Present
- Provided assistance with debugging student's errors and memory leaks.
- Help students prevent segmentation faults using Valgrind and GDB.
- Intensively worked with C, JavaScript, MySQL, Ajax, Node JS, Express and FFI.
- Mentored 30+ students and conducted lessons to help students excel their curriculum.

Good Drivers, freelance — *Web Developer*
June 2018 – September 2018
- Effectively communicate and share ideas with the client.
- Update and design a modern responsive website.
- 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*
April 2018 – June 2018
- Create a desktop app that tracks records of company's client data.
- Learned and worked with HTML, CSS, JavaScript, and Electron JS.
- Greatly increase the company's productivity by building a generator for invoice record, purchase agreements, shipping slip and other sale's information through the application.

University of Waterloo, E Co-op, Treelea — *Mobile App Developer*
January 2017 - April 2017
- Develop plans and flowchart for algorithm, workflow, or process to determine flaws and improvements with the team.
- Integrate Google Firebase in Swift to be able to manage a real-time database and cloud system easier.
- Incorporate Facebook SDK and APIs such as authorization and user statistics.

University of Toronto, ICUBE, Sensify Labs — *Front-End/Designer*
October 2016 - November 2016
- Design modern intuitive UI/UX scheme using Sketch.
- Create assets for interface implementation as well as logo designs and image editing through photoshop.
- 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 2019

CONTACT

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mohammav@uoguelph.ca

PERSONAL PROFILE

+ Energetic, self-motivated, and resourceful with a substantial ability to perform efficiently.
+ Ability to work independently with strong problem-solving skills.
+ Collaborate and articulate excellently in a team environment.
+ Outstanding interpersonal and communication skills.

KNOWLEDGE AND SKILL

Languages/Frameworks:
C/C++, JavaScript, HTML, CSS, Dart, 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
GitHub:
github.com/vicmoh