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| Vicky Mohammad |  |
| EXPERIENCEUniversity of Guelph, CIS2750 — *Teaching Assistant*September 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, 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 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. * Build generator for invoice record, purchase agreements, shipping slip and, other sale information through the application. * Learned and worked with frameworks and languages such as HTML, CSS, JavaScript, and Electron.  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 3. * 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. | CONTACT **1- (519)-731-5289**  [mohammav@uoguelph.ca](mailto: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 |
| EDUCATIONCandidate for *Bachelor of Computer Science* University of Guelph – Anticipated graduation in year 2020 |  |