Cameron McCuaig

Computer Science

cdmccuai@uwaterloo.ca | 226-808-6056 | Cameron McCuaig | cdmccuaig

SKILLS

Languages: Typescript, JavaScript, HTML, CSS, Python, C, C++

Tools: Git, Github, Jira, Jenkins, Selenium, React, Node, Bootstrap

Time Management skills gained by competing as a Varsity Athlete on the University of Waterloo swim team (14+ hours/week) while maintaining excellent academic standing

Communication expertise at creating and maintaining technical documentation

WORK EXPERIENCE

Software Developer in Test

TELUS Health. Cambridge, Ontario   *Jan, 2020 – April, 2020*

- Developed and maintained 300+ automated test cases for a web-based EMR using **Python** and **Selenium**
- Modified load-balancing algorithm, which reduced nightly run execution of test cases by over 6%
- Created plan to improve load-balancing algorithm using a REST API to obtain previous execution times, basing load-balancing weight function off of execution time as opposed to number of test cases
- Continuously provided suggestions to help improve testing framework, and contributed to the implementation of such ideas

Math Tutor

Kitchener, Ontario   *April, 2019 – July, 2019*

- Developed an effective communication strategy and study routine with the student I was tutoring to develop good organizational skills and keep on top of coursework

SIDE PROJECT

Road Runner (Python)   *September 2019*

- Used pygame libraries to create a small object-oriented game where the player has to dodge projectiles to stay alive

VOLUNTEER

Assistant Swim Coach

Region of Waterloo Swim Club. Waterloo, ON   *September, 2015 – June, 2018*

- Helped lead multiple groups of aspiring swimmers over the course of multiple seasons by suggesting changes to stroke technique and giving advice on how to prepare for a race
- Helped 8 swimmers qualify for their first regional championship in final year of coaching

ACCOMPLISHMENTS

- Canadian Record holder in Paralympic swimming (50 and 100 backstroke)
- Competed at the Olympic/Paralympic Trials in 2016, invited to compete in Olympic/Paralympic Trials in 2020
- University of Waterloo President's Scholarship of Distinction

EDUCATION

University of Waterloo: Candidate for Bachelor of Computer Science   *September 2018 – Exp. 2023*

- University of Waterloo Dean's Honours List for excellent academic performance in 1B term
- 2018-2019 Academic All Canadian
- Cumulative Average of 85.7%