

Jacob Meksavanh

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ABOUT

- Canadian citizen based in **Mississauga/Waterloo** seeking positions in **web or software development**
- Candidate for Bachelor of Computer Science, Honours Computer Science, University of Waterloo, Ontario, Sept. 2020 - Present, 93.67% faculty average (Fall 2021)

QUALIFICATIONS

- Very strong verbal communication abilities built through 4 years of curling team and DECA experience
- Extensive leadership capabilities developed through summer camp, extra-curricular team involvement
- Great proficiency in **C++, Bash, C, Java, JavaScript** built through side projects and school courses
- **Object-Oriented Programming**, Design Pattern, **Linux/Bash** experience from coursework
- **HTML, CSS**, DOM manipulation and **Responsive Design** abilities strengthened through self-learning
- Experienced in **Jira, Confluence, Daily Scrums, Waterfall methodology**
- Self-learning initiatives and deadline-driven performance formed through asynchronous remote-learning
- Qualified knowledge of **Trees, Lists, Git(hub), APIs**, Photoshop/Illustrator, French

PROJECTS AND COURSEWORK

Object-Oriented Software Development - CS246

- Worked in/with **OOP (C++)**, design patterns (observer, decorator), bash (Linux), GNU make, GDB, Valgrind, STL, UML creation/usage, RAII/Smart Pointers.
- Used **Git**(lab) to succeed in group project version control and remote development

Data Structures and Data Management - CS240

- In progress. Introduces efficient implementations and algorithms of priority queues, sorting, binary heaps, dictionaries. Gain knowledge to select efficient data structures for specific problems. Also covers complexity analyses and comparison

Math Solver (Java)

- Planned project by breaking down the application into parts: programmed and isolation-tested distinct methods and functions before combining them
- Implemented **object-oriented programming (abstraction and inheritance)** to create application tabs
- Successfully documented program structure, simplifying new implementations for future programmers

EXPERIENCE

Website Configuration Specialist, eSolutionsGroup, Waterloo, ON

May 2021 - Aug. 2021

- Succeeded in the **waterfall methodology**; specifically through accurate module configuration and formal cleanups (verification)
- Addressed daily blockers and tasks using **Jira** issue-tracking during **Daily Scrums**
- Created succinct **Confluence** documentation applicable for all audiences (client, project manager)
- Corrected websites to meet **WCAG** level A/AA accessibility standards through eSolutions' CMS and Jira
- Utilized self-initiative/guidance skills to succeed on concurrent projects in a **remote environment** with minimal supervision

Camp Explore Student Leader, Peel District School Board, Mississauga, ON

July 2019 - Aug. 2019

- Commended by teacher as a leader: continuously engaged students in educational activities, developing their 21st-century skills
- Successfully planned weekly activities with teachers and other leaders through daily meetings
- Fostered inclusive learning and play environment during off-time by quickly resolving student conflicts

AWARDS/CERTIFICATES

Java Fundamentals course, Oracle Academy

2020

2nd place, Peel TechStartup Brampton

2018

Top 18, Deca Ontario Provincials, Top 3 Deca Peel Regionals Personal Financial Literacy

2020, 2019

ROPSSAA Gold Medal, Senior Boys Open Curling + Team Captain

2019 & 2020