

# MERVIN LI

Computer Engineering – m522li@uwaterloo.ca – <https://m522li.github.io/website/>

## SUMMARY OF QUALIFICATIONS

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- Proficient with C++, C, C#, Python, Matlab, JS, CSS, HTML, Blazor, and XAML.
- Adept with the following tools/products: Terraform, Kubernetes, Docker, Jenkins, AWS, Git, Bash, Visual Studio, XCode, Pycharm, pytest, Eclipse, Unity, MobaXterm, and VirtualBox.
- Experienced working in Linux, Windows, and Mac operating systems and command lines.
- Comfortable in a Agile development setting, and being on teams of various sizes.
- Strengthened teamwork and interpersonal skills through being part of a professional work team.
- Developed organization and prioritization skills through managing several assigned issues and projects.
- Self motivated and understands the importance of improving from others' and own mistakes.
- Passionate about creating new things and discovering why and how anything functions as it does.

## WORK EXPERIENCE

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### **KA Imaging Inc**

*Software Developer*

Waterloo, ON

*Jan 2022 – Apr 2022*

- Developed User Interfaces using WPF and .Net, and worked on back end code using C#.
- Designed/Implemented SQLite database using SQLAlchemy, and scripts to search for and parse JSON.
- Improved ability to understand complex projects to implement new features and approve code reviews.

### **VirtaMove**

*Software Developer*

Ottawa, ON

*Jan 2021 – Apr 2021*

- Front and Back End Development, with C#, .NET, JS, CSS, HTML, and Blazor.
- Operated independently to implement new features, with investigating, prototyping, and development.
- Exposure to working with databases and how to handle concurrency with pulling and storing data.

### **eSentire Inc.**

*Software Developer*

Waterloo, ON

*Sep 2019 – Dec 2019*

- Mainly used python, worked on Flask apps, REST APIs and endpoints, databases, tests, and logging.
- Involved in using Kubernetes and Terraform, for various applications and different AWS products.
- Wrote and updated various unit and functional tests in python using pytest and mocker.
- Implemented a centralized container logging system using Fluent Bit and Amazon Cloudwatch.

### **Rogue Wave Software Inc**

*Customer Support Engineering*

Ottawa, ON

*Jan 2019 – Apr 2019*

- Experience working with Jira, Docker, AWS products, MobaX, Linux and Windows command line.
- Developed time management skills through working on multiple customer issues with varying severity.
- Established excellent teamwork and communication skills through participating in weekly meetings.
- Honed problem solving skills by creating new workarounds and researching past issues for 'tickets'.

## EDUCATION

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### **University of Waterloo**

Honours Bachelor of Applied Science in Computer Engineering

Waterloo, ON

*Sept 2018 – April 2023 (expected)*