

Mathew Lewis
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Summary:

Software engineer with over two years of experience between in software development as both a junior programmer and research assistant. Predominantly worked in python, C/C++, matlab and unix systems.

Education:

Sept. 2016 - Apr. 2021:
University of Victoria, British Columbia Canada
Bachelor of Science, Honours in Math and Computer Science
Sept 2021 - Present:
Working on masters in mathematics at University of Victoria

Experience:

Helping to design and developing a custom password management system. Developing software to perform code deployment contributing to an automated development cycle. Designing and developing a climate data storage system and companion website interface. Development of matlab software to carry out optimization algorithms for mathematical research.

Technical Skills:

Proficient with Unix, OSX and Windows
Programming languages:
Python, NumPy, flask, AWS (elastic beanstock), Java, Javascript, nodeJS, C/C++, PHP

Research:

Jan. 2019 - Dec. 2019:
Sum of squares optimization and its application to non linear ODEs (Funded by the Canadian government via NSERC USRA grant) Supervised by Dr. David Goluskin

Occupation:

Summer 2018: Institute of Ocean Sciences (Software developer)
Summer 2019: Maximus Canada (Software developer)