**Jordan Carlson**

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I am entering his third year of the Bachelor of Engineering program at the University of Victoria, majoring in Electrical Engineering. I have a portfolio online to showcase the software challenges I have overcome in my career so far.

Specifically, at UVic, a course in python, a course in java, and a course in machine learning have each provided a range of challenges to overcome. These challenges included providing proper coding practices and an array of efficient algorithms.

Electrically, there has been emphasis on digital design, linear circuits, computer architecture, math, and statistics. These courses tie in with software and include the use of assembly language and high-level programming, circuit analysis, and lab equipment. The labs include the use of oscilloscopes, function generators, advanced power sources, multimeters, Eclipse, R, and other compilers and IDEs.

UVic SkillDevs and UVic’s Rocketry club’s electrical engineering division have complemented my studies. UVic Rocketry offers mentorship and electrical equipment to practice with, using Linux with microcontrollers (programming in C and python), motors, and other circuit boards. We have bi-weekly meetings and are actively developing strategies to find faults in interfaces and hardware, and debug embedded and communications software.

My interests have evolved from research, science, business, sales, and administration to include debugging and repairing software, electronics, appliances, and vehicles. For the last four years I have held a leadership position completing operations while sustaining vigilant equipment repair, maintenance, and risk management. I have developed unparalleled work ethic, problem solving capabilities, communication skills, self-discipline, and the ability to work well both as a team and independently. Since then, I have developed new hobbies, working with a strong academic network on assembly level and high-level programming, software debugging, hackathons, web security, app development, and network and server upkeep including in coding challenges and hackathons.

Integrating my passion and expertise to your team will prove to generate the results you need. If you would like to meet in person for discussion of my application and further interviewing, I can be reached at (250) 818-8963, and at [jordanrcarlson@gmail.com](mailto:jordanrcarlson@gmail.com). Thank you for your consideration.

Sincerely,

Jordan Carlson