Eric Souder.

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(604) 219-5682
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OVERVIEW

- Practical experience with embedded C/C++ development for aerospace avionics.
- Hard-working, self-starting, and highly motivated.
- Comfortable and confident working and communicating in large and small engineering teams.

EXPERIENCE

UBC Rocket, Vancouver, BC — *Avionics and GNC Team Member*

SEPTEMBER 2020 - PRESENT

Worked with a group of dedicated engineering students to design and manufacture avionics hardware and software for our space-capable rocket. Focused on embedded firmware development in C, including flight logic/GNC development, IO integrations, real-time operating systems, and unit/CI testing. Contributed to documentation and reports for internal use and for external qualification.

Vancouver Arts Colloquium Society, Vancouver, BC— *Technical Solutions Development*

SUMMER 2020

Collaborated virtually with a team to support the online operations of the Vancouver Arts Colloquium Society. Developed and maintained technology solutions to further the organization's goals.

Vancouver Aquarium, Vancouver, BC— *Interpretive Delivery Volunteer*

DECEMBER 2017 - PRESENT

Worked with a large team of staff and volunteers to clearly communicate scientific and conservation messaging to guests from around the world.

Tupper Mini School, Vancouver, BC— *Student Vice Chair, Technology Chair*

SEPTEMBER 2016 - JUNE 2020

Interpreted requirements from staff and administrators, presented options, and worked with them to create technology solutions. Lead a team of students to create and maintain the official school website.

EDUCATION

University of British Columbia, Vancouver, BC— *BASc*

ANTICIPATED GRADUATION 2024

SKILLS

Programming languages, including C, C++, Python, Bash, and Javascript.

Windows and Linux operating systems.

Collaboration tools, such as Confluence and Git.

General office and communication software, including Microsoft Office, Slack, Zoom, and Teams.

Creation and maintenance of documentation and reports.

Hard-working and motivated student — 84.2% average.

AWARDS AND ACCOMPLISHMENTS

Computer Science - Top student at Sir Charles Tupper Secondary School in Computer Science.

Schulich Leadership Award - Nominee, 2019

World Scholar's Cup -5th globally, 2018.

REFERENCES

Available upon request.