

# Alexander Parks

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Shawnigan Lake, British Columbia, V0R 2W3

## EDUCATION

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### WHMIS Certification

2018 - Present

### Bachelor of Applied Science - Mechanical Engineering

Sep 2018 - Apr 2022

Queen's University • Kingston, Ontario

- George Christie Design Award - May 2022

## SKILLS

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- Technical proficiency in Microsoft Word, Excel, SolidWorks, MATLAB, Kontakt, and EES.
- Capable of in-depth data analysis and simulations using Python, C, CSS, and HTML.
- Progressive leadership, interpersonal, teamwork, and problem-solving skills developed over the course of education at Queen's University.

## WORK EXPERIENCE

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### Powertrain Senior Engineer

Sep 2021 - Apr 2022

Queen's Racing Team

- Completed documentation, reports, and presentations for the team and design improvement.
- Organized and managed a team of three on a pneumatic shifting system project.
- Laid the groundwork for post-pandemic design and prototype improvement.

### HVAC Assistant

May 2021 - Aug 2021

Brentwood College School • Mill Bay, British Columbia

- Responsible for maintenance and servicing of HVAC and air filtration systems across campus during the COVID-19 pandemic.
- Pickup and delivery of service and replacement parts on Vancouver Island.
- Occasional assistance in plumbing and sewage system maintenance and repair on campus.

### Mechanic Assistant

Jun 2018 – Aug 2018, Jun 2019 – Aug 2019

Brentwood College School • Mill Bay, British Columbia

- Primarily responsible for servicing and maintenance of 12 boats and motors used by the rowing program on campus.
- Assisted in the repair and service of vehicles and equipment on campus.
- Worked independently and was responsible for the mechanic shop in the absence of the head mechanic.