

# Gavin Jaeger-Freeborn

Calgary, AB

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## Education

**University of Victoria** British Columbia, Canada  
*B.S Software Engineering: September 2017-Present*

### Completed Courses

- Fundamentals of Programming With Engineering Applications 2
- Introduction to Computer Architecture
- Digital Design
- Communication Networks
- Engineering System Software
- Algorithms and Data Structures 2
- Software Development Methods

## Technical Skill

**Programming Languages** Java, C, C++, Python, Go

**Office Software** Adobi Photoshop, Inkscape, and Microsoft Office

**Operating Systems** Linux, and Windows

**Tools** Git, GDB, Vim

## Projects

### Run-length encoding (C)

Utilizes RLE encoding to encrypt and decrepit a given file

### StrokeMonitor (C++)

Using an arduino this monitors the users strokerate, speed, and distance traveled in a canoe or kayak

### Filesystem-Emu (Java)

FAT based file system simulated using in Java

## Experiance

**Repsol Sport Center** Calgary, AB

*Lifeguard: January 2014 - May 2017*

**Calgary Canoe Club/Lake Bonavista** Calgary, AB

*Sprint Canoe Coach: June 2013 - September 2019*

**Mic Mac Amateur Aquatic Club** Dartmouth, NS

*Sprint Canoe Coach: May 2018 - September 2018*

## Extracurricular Activities

### **Sprint Canoe Athlete**

*May 2005 - Present*

- Previous member of the Canadian Junior National Team (2015)
- Previous member of the Senior National Development Team (2016)
- National Champion in Junior men's C1 200m event (2018)
- National Champion in Junior men's C2 200m, 500m, & 100m event (2017 - 2018)
- National Medalist in Senior men's C2 200m & 500m (2019)

## Awards

2015 **Class Act Award**, Calgary Academy

2016 **William C. Means bursary in engineering**, University of Victoria

2016 **Alberta Committee of Citizens scholarship**, University of Victoria

2016 **George C. Hall bursary fund**, HSAA

2017 **Terry Fox Memorial scholarship**, NUPGE

## References

**Edgar Garza:** [heacoachccc@gmail.com](mailto:heacoachccc@gmail.com) (587)-215-9770  
Previous employer for the Lake Bonavista program

**Lynda Roberts:** [lyndaccc@gmail.com](mailto:lyndaccc@gmail.com) (404)-880-0602  
Previous employer for the Calgary Canoe Club

**Deb Payne:** [deb.payne@ahs.ca](mailto:deb.payne@ahs.ca)  
Manager of provincial injury prevention for Alberta Health Services