

# LIAM ARMSTRONG

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## EDUCATION

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**University of British Columbia**  
B.A. Computer Science

Vancouver, BC  
Sept 2017 - Present

## EXPERIENCE

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### **Kids Help Phone**

*Project Management Student Associate, Data Entry Clerk*

Toronto, ON  
May 2018 | Aug 2018

- Received promotion from Data Entry Clerk to Project Management Student Associate on International Consultation 2018 planning team
- Streamlined our invoicing process for conference attendees by creating tools to generate and send documents, making the procedure 85% more efficient
- Created a web scraping script that generated over 150 potential corporate sponsors

### **Intrst Financial**

*Co-Founder and Chief Technology Officer*

Toronto, ON  
Oct 2016 | Jul 2017

- Designed, configured and implemented a complete web platform using Bootstrap and AngularJS
- Developed work-flow charts and diagrams to ensure production team compliance with deadlines, completing MVP within 2 months of project start
- Managed team of four direct reports responsible for on-going product optimization, maintenance and expansion

### **Snowhawks Ski and Snowboard School**

*Ski Instructor*

Toronto, ON  
Dec 2015 | Jan 2017

- Spearheaded the development of a new lesson set focused on skier confidence
- Earned Canadian Ski Instructors Association Level One instructor certification

## EXTRA-CURRICULAR ACTIVITIES

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### **The Ubysey**

*Volunteer Web Developer*

Vancouver, BC  
Sept 2018 | Present

- Maintaining and updating the Ubysey's open source front end website and custom back end CMS
- Utilized programming capabilities with Django, React and Docker to help junior members make meaningful contributions early into their roles

### **nwHacks**

*Logistics Coordinator*

Vancouver, BC  
Sept 2017 | Present

- Managed event logistics and operations, including support staff, vendor services and volunteers
- Attended MLH's HackCon VI with other senior organizers, learning about fostering a safe and inclusive tech community
- Utilized GitHub's Campus Expert program and club resources to host and present several successful workshops and other events

## SKILLS

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Languages: Java, Python, JavaScript (ES6), C++, HTML, CSS  
Frameworks / Libraries: Django, Node.js, Bootstrap, React, Redux

## PROJECTS

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### **Two Eyes Out**

*Django REST API, React and Redux*

2eo.liam-armstrong.com  
Aug 2018 | Present

A web-app for monitoring UBC Course listings, alerting the user if a seat opens in a full class. The Django back end scrapes UBC lecture pages and sends email alerts in asynchronous execution. A React single page application is used to sign-up and manage the user's class listings.

### **210 Calendar**

*Java 8, FXML*

github.com/liam-armstrong/cpsc-210-calendar  
Sept 2018 | Dec 2018

A functioning, multistage calendar desktop application, featuring user interaction with an FXML GUI. Demonstrated use of object oriented design patterns and software development principals such as API interaction, data structures and robustness.