

# Liam Armstrong

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## EDUCATION

**University of British Columbia**

Sep 2017 - Dec 2021

*B.A. Interdisciplinary Studies, Computer Science and Commerce*

## WORK EXPERIENCE

**Software Developer Co-op | FISPAN**

Aug 2020 - Current

- Pitching and prototyping new products as a member of the Innovation team at fintech startup

**Junior Software Developer | Tapestry**

Jan 2020 - Aug 2020

- Developing a research backed, non-linear teaching tool as an early member of the startup team
- Engineered core components, including: user forms, embedded video and secure permission management
- Pitched and spearheaded the containerization of Tapestry application stack with Docker

**Software Engineering Intern | University of Toronto**

Jun 2019 - Aug 2019

- Built an automated citation system which saved 4 hours per research grant application

**Project Management Intern | Kids Help Phone**

May 2018 - Aug 2018

- Assisted Special Projects team to organize an international conference with 1000 attendees
- Streamlined invoicing process by creating Excel tools to generate and send documents
- Work product saved over 100 hours of manual work and ensured consistently flawless documents

**Co-Founder | Intrst Financial**

Oct 2016 - Aug 2017

- Designed and built the company's web application as the primary developer
- Transformed abstract vision into concrete technical requirements through discussion with stakeholders
- Launched product three weeks early by capitalizing on Agile methodologies

## PROJECTS

**Two Eyes Out | Python, JavaScript, Docker, AWS**

<https://2eo.xyz>

When a class is full at UBC, students cannot register until a seat opens in their desired section. This app watches course listings and alerts the user once a seat is available.

- Python Django app uses PostgreSQL and Redis to asynchronously scrape web pages and send alerts
- JavaScript React and Redux front end allows users to manage their listings
- Full stack app is containerized with Docker and hosted on an AWS EC2 Instance

## EXTRA-CURRICULAR AND VOLUNTEER ACTIVITIES

**Fund Associate | Vancouver Social Value Fund**

May 2020 - Current

- ESG private equity fund with AUM of \$400,000 CAD
- Sourcing and structuring impact-first investments into social enterprises with student lead team

**Hackathon Coordinator | nwHacks**

Sep 2017 - May 2019

- Presented and prepared nwHacks 2019 opening ceremonies to 700 attendees, setting an inclusive tone that lead to a record setting 133 project submissions
- Curated workshop on basic software engineering techniques and tools, empowering 100 first time event attendees to submit projects

## SKILLS

Languages:	Java, Python, C++, JavaScript, Rust, Haskell, SQL, PHP
Frameworks and Libraries:	Django, React, Redux, Vue.js, Bootstrap, JQuery
Technologies and Tools:	Docker, Redis, Git, MySQL, PostgreSQL, Linux, AWS