LIAM ARMSTRONG

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SUMMARY OF QUALIFICATIONS

- 6 years of experience programming in Java using Object Oriented Programming principals to write clean, concise, scalable code
- 3 years of expertise building user-oriented web apps that solve real world problems with JavaScript and other web technologies
- Spearheaded the design and implementation of an AngularJS, HTML and CSS web app for a start-up I co-founded while in my final year of high school
- Built Python tool for monitoring university lecture pages and expanded it into a full stack Django API and React web app based on feedback from users
- Demonstrable commitment to hacker culture and open source development through years of hackathon organizing

SKILLS

Languages:	Java, C++, Python, JavaScript (ES6), HTML, CSS
Frameworks and Libraries:	Django, Bootstrap, JQuery, React, Redux
Technologies and Tools:	Node.js, Docker, Git, Maven, Pipenv, MySQL, PostgreSQL

EDUCATION

University of British Columbia   Vancouver, BC
B.A. Computer Science   Sept 2017 | 2021

EXPERIENCE

Kids Help Phone   Toronto, ON
Project Management Student Associate, Data Entry Clerk   May 2018 | Aug 2018

- Streamlined our invoicing process for conference attendees by creating Excel tools to generate and send documents, making the procedure 85% more efficient
- Created a web scraping script that generated over 150 potential conference sponsors, which allowed partnerships to be developed on a shorter timeline

Intrst Financial   Toronto, ON
Co-Founder and Chief Technology Officer   Oct 2016 | Jul 2017

- Committed 10,000 line changes during 2 month development period, enabling completion of MVP 3 weeks before deadline
- Generated specifications and chose technologies for initial site and all feature expansions based on feedback from stakeholders
- Used Agile methodologies to track team of four direct reports responsible for on-going product optimization, maintenance and expansion

EXTRA-CURRICULAR ACTIVITIES

nwHacks   Vancouver, BC
Hackathon Logistics Coordinator   Sept 2017 | Present

- Prepared and presented nwHacks 2019 opening ceremonies to 700 attendees, setting an inclusive tone that lead to a record setting 133 project submissions
- Attended MLH's HackCon VI conference with other senior organizers, learning about fostering a safe and inclusive tech community

PROJECTS

Two Eyes Out   2eo.liam-armstrong.com
Django REST API, React and Redux   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. Information is stored in a PostgreSQL database and whole system is deployed with Docker to a DigitalOcean Droplet.