Liam Armstrong

Toronto, ON · liam@liam-armstrong.com · (647)-523-0040

github.com/liam-armstrong · linkedin.com/in/liam-armstrong · liam-armstrong.com

Summary of Qualifications

- 6 years of experience using Object Oriented Programming principals for writing clean and concise code, with an emphasis on scalability and documentation
- 3 years of expertise building user-oriented web apps that solve real world problems with JavaScript and other web technologies
- Spearheaded the 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

Relevant Courses: Introduction Algorithms and Data Structures (C++), Software Construction (Java)

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 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 over 55 commits during 2 month development period to enable project completion weeks before deadline
- Generated specifications and chose technologies for initial site and all feature expansions
- Used agile methodologies to track team of four direct reports responsible for on-going product optimization, maintenance and expansion

Extra-Curricular Activities

nwPlus Vancouver, BC

Hackathon Logistics Coordinator Sept 2017 | Present

- Prepared and presented nwHacks 2019 Opening Ceremonies to 700+ attendees, leading to a record-setting 133 project submissions
- Managed event logistics and operations, including support staff, vendor services and volunteers for nwHacks 2018 and 2019
- Supporting the organization of cmd-f Vancouver's first women+ only hackathon to increase diversity within the tech field

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.