Anh Duc (Andrew) Bui

https://github.com/anhduc130

Email : andrewbui@alumni.ubc.ca

Mobile : 604-704-7925

EDUCATION

- **The University of British Columbia** — August 2015 - Current
  Bachelor of Applied Science, Computer Engineering, 3.5/4.3 Major GPA — *Expected graduation in December 2019*

EXPERIENCE

- **University of British Columbia** — May 2019 - Present
  Software Developer
  - Developed Tapestry Tool project that creates a brand-new model for online course content. The tool allows students and instructors to collaboratively create interactive content modules that are interconnected with one another. The platform has been used and supported by students and instructors in numerous classes at the university.
  - Collaborated in a team of 6 developers to implement the platform written in Vue.js, D3.js and PHP. Committed to producing high-quality code with industry coding standards. Worked directly with the research team under the leadership of Dr. Steven Barnes.

- **SMART Technologies** — January 2018 - September 2018
  Software Developer Intern
  - Developed SMART Learning Suite Online (SLSO) that connects students, teachers and devices to transform classes into a new learning experience. The application lets teachers access their lessons anywhere and deliver them to the students' devices in real-time. The suite consists of lesson delivery, assessment, student collaboration and game-based learning activities.
  - Collaborated in a team of 9 developers to implement the system written in Vue.js, Ember.js and JavaScript (ES6). Committed to producing high-quality code with 80% unit test coverage. Worked with test developers to execute automated testing using Selenium. Was exposed to full feature development from user story design to implementation. Finished the assignments on time and met 90% of the sprint deadlines. Supported over 180 schools and 20,000 teachers worldwide.
  - Evaluation received by manager: Outstanding.

- **BuildDirect Technologies** — May 2017 - January 2018
  Software Developer Co-op
  - Contributed to the architecture design and wrote extensible backend code for Gateway Supply Chain microservice that provides optimal route options for delivering heavy-weight products from the origin to destination using RESTful APIs. The platform implements other services such as cost estimation, shipment booking, and delivery tracking.
  - Collaborated in a team of 7 developers to implement the system written in TypeScript with strict lint rules and coding practices. Built with Azure, AWS, Node.js, Docker and MongoDB. Completed assignments on time while achieving more than 90% of unit test coverage. Implemented integration tests to ensure 100% successful interaction among internal components and external services.
  - Evaluation received by manager: Excellent.

- **Navigos Search** — June 2016 - September 2016
  PHP Developer Intern
  - Implemented new features for an MVP web application that were conceived to improve the search capability with real-time search engine.
  - Developed the system on CodeIgniter web framework using PHP, MySQL, HTML, CSS and jQuery. Gained experience with Algolia search engine using RESTful APIs, which decreases query run-time to about 200ms comparing to 1200ms when searching on traditional MySQL databases.
  - Evaluation received by manager: Excellent.

SKILLS

- **Backend Development:** *Node.js, Express.js, TypeScript, CoffeeScript, Azure, C++, Java, PHP.*

- **Frontend Development:** *JavaScript, Vue.js, Ember.js, jQuery, HTML5, CSS3, SASS, Bootstrap.*

- **Databases and Misc:** *Firebase, MongoDB, MySQL, Git, Unix, Agile, Scrum.*