



Angad Kalra

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Education

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| • University of British Columbia - Faculty of Science, 4 th Year
Combined Major: Mathematics and Computer Science | September 2012 – May 2018 |
| • Machine Learning – Coursera | June 2016 – September 2016 |
| • Data Science Essentials – edX Microsoft | August 2016 – September 2016 |

Technical Experience

Vision Critical Communications Inc.	January 2016 – August 2016
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Software Development Intern

- In the first four months, responsibilities were fixing defects, writing integration tests, improving test coverage in deployment pipeline and learning new technologies simultaneously. New technologies included ASP.NET MVC, C# and Visual Studio.
- In the last four months, fixing defects and writing tests continued. Additionally, developed in HTML5 and various JavaScript frameworks to replace outdated Flash technology that existed in product.

Safe Software	January 2015 – April 2015
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QA Analyst

- Primarily responsible for identifying potential improvements in their current automated testing system and designing new tests to expand their test coverage.
- Developed in Python 2.7 and interacted with multiple APIs such as GitHub and Amazon AWS.

UBC Computer Science Department	September 2014 - Present
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Undergraduate Teaching Assistant

- Running tutorials for students, marking assignments and labs, and assisting the professors during lecture.

Projects

Code The Change UBC – Bridging The Gap

- Code The Change UBC is a community of engineering students using their technical skills to drive social change. Bridging The Gap is a UBC Mental Health Initiative Club that we created a website for in order to provide solutions for students on campus.

BirdCoop

- Created a proof of concept android app using Java and Android Studio for the UBC campus gym. Allows users to see how busy the gym is, check upcoming fitness class schedule, and inquire about hours of operation.

Technical Skills

- Strong foundation in **Data Structures and Algorithms, Discrete Mathematics, and Machine Learning.**
- Learned the fundamentals of **C# and ASP.NET MVC** in most recent internship.
- Fundamentals of **JavaScript, HTML and CSS** for **web development.**
- **MATLAB/Octave and Python** in **Machine Learning and Data Science** courses.
- **C++** for coding competitions (ACM, HackerRank).