

# Angad Kalra

Vancouver, BC  
[angadkalra94@gmail.com](mailto:angadkalra94@gmail.com)

[angadkalra.com](http://angadkalra.com)  
[github.com/angadkalra](https://github.com/angadkalra)

## Education

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- **University of British Columbia** - Faculty of Science, 4<sup>th</sup> Year  
Combined Major: **Mathematics and Computer Science** September 2012 – May 2018
- Python for Data Science – edX January 2017 – Present
- Machine Learning – Coursera June 2016 – September 2016
- Data Science Essentials – edX Microsoft August 2016 – September 2016

## Technical Experience

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Vision Critical Communications Inc. – Vancouver, BC January 2016 – August 2016

### 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 (Grunt, jQuery, Jasmine) to replace outdated Flash technology that existed in product.

Safe Software – Surrey, BC January 2015 – April 2015

### 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

### Undergraduate Teaching Assistant

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

## Projects

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### Code The Change UBC

- 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.
- Verna J. Kirkness STEM Education Program is a local charity that we are building a database & web app for. Currently in the design/information gathering stage and we will be using Python and Django for the web app, and MySQL for the database.

## Technical Skills

- Strong foundation in Data Structures and Algorithms, Discrete Mathematics, and Machine Learning.
- Fundamentals of web development using various JavaScript frameworks, HTML and CSS.
- Fundamentals of MATLAB for Machine Learning. Currently learning Python 3 for Machine Learning.
- Fundamentals of Python 3.