

# BENJAMIN M. GEE

<https://www.linkedin.com/in/geeben>

<https://github.com/b3ngee>

## EDUCATION

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**University of British Columbia**  
*Bachelors of Computer Science*

Sep 2015 – expected graduation May 2018  
CPSC GPA: 3.7/4.0

**University of British Columbia**  
*Bachelors of Science, Major in Biochemistry*

Sep 2010 – May 2015

## PROGRAMMING SKILLS

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LANGUAGES	WEB DEVELOPMENT	FRAMEWORKS	SOFTWARE
Java C / C++ Python	JavaScript HTML CSS	Django Meteor	Git

## PROJECTS

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**Parkcouver Web Application** using Django and Python (Academic) Sep 2015 – Nov 2015

- Implemented Facebook and Twitter login capabilities, methods to allow for user specific data such as a list of favourite parks and designed the user interface and frontend using HTML and CSS
- Link: <http://parkcouver.pythonanywhere.com/>

**Top Down Shooter Game** using Java and IntelliJ (Personal) Aug 2015 – Oct 2015

- Designed a simple top down shooter with multiple levels, increasing enemy difficulty, player weapon upgrades, player levels and real time health and score updates

**Mind the Gap Android Application** using Java and IntelliJ (Academic) Jul 2015 – Aug 2015

- Parsed real time JSON data obtain from Transport for London (TfL) API
- Implemented methods to display stations and lines on GoogleMaps, real-time arrivals and nearest stations based on user's location

**BikeTrek Web Application** using MeteorJS (Extracurricular) Jul 2015

- Implemented stopwatch and countdown timers as a prototype web application during CodeItForward Hackathon (2015) in collaborations with BC Lung Association

## WORK EXPERIENCE

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**UBC Computer Science Department**  
*Undergraduate Teaching Assistant – CPSC 210*

Jan 2015 - present

- Help students learn the basics of Java programming during labs and with assignments

**St. Paul's Hospital – Heart Lung Institute** – Vancouver, B.C.

Jan 2014 – Sep 2014

*Co-op Research Assistant*

- Conducted experiments on blood and sputum samples using a flow cytometer, qPCR analyzer and cell hematology analyzer
- Analyzed experimental data using machine specific software and Excel
- Participated in Summer Student Research Day

**ALS Environmental** – Edmonton, AB

May 2013 – Dec 2013

*Co-op Laboratory Analyst*

- Analyzed water samples for turbidity, light intensity, pH level, biochemical oxygen demand and total suspended and dissolved solids

## **VOLUNTEER EXPERIENCE**

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**UBC Visual Cognition Laboratory**

Aug 2015 – present

*Software Developer*

- Improve efficiency and debug existing functionalities to help ease the design of experiments on human visual perception of correlation; application designed with Java