



# VINCENT VUONG

## 3B Computer Science

 <https://github.com/vincentvvv>

 <http://vincentvvv.github.io>

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## Education & Skills

### University of Waterloo

Waterloo, Canada. May 2015 – Present

Expected Graduation Date: Dec 2018

- Candidate for Bachelor of Computer Science with Business option
- **Experience working with:** Kotlin, Swift, C#, Python, Ruby, AS3, Java, LaTeX, HTML, CSS, PHP
- **Technologies:** Android Studio, Xcode, Unity3D, Photoshop, Sketch, Illustrator, Flash, Grafana, MySQL, Excel

## Professional Experience

### Compass

Software Engineer (co-op)

New York, USA

Jan 2017 – April 2017

- Worked directly with project manager, designer, and team to architect and build the Android Compass application in Kotlin and Snail, Compass' open source Rx Kotlin framework. (Application release date TBD)
- Increased user engagement by 13%, and impacted over 1000+ users through implementing new features, building out views, and also through fixing bugs in Swift
- Organized team outings, team sweatshirts, as well as social events

### DoublePlay Entertainment Inc.

Game Designer (co-op)

Toronto, Canada

May 2016 – Aug 2016

- Lead developer on a mobile game project for a client. Worked closely with lead artist to build the game from concept to completion with AS3 Flash, Illustrator and Flurry Analytics (Game release date TBD)
- Implemented new features and patched bugs for a HTML5 slots game. Utilized Betable API for real-money gambling
- Created diagrams and sheets for marketing with MySQL and Excel for potential investors
- Conducted research and reached out to potential third party companies to help maximize DoublePlay's growth

### Oracle Eloqua

DevOps (co-op)

Toronto, Canada

Sept 2015 – Dec 2015

- Automated the retrieval/parsing of build time metrics from TeamCity to be graphed and displayed onto Grafana for identifying build steps that require optimization
- Automated the collection of usage data from VMs through Sensu, and Graphite
- Maintained continuous build cycle through hot fix deployments, monitoring of VMs for Windows and Linux machines, as well as completing support tickets through Jira

## Personal Projects

### Broadway Lottery

Android Development

- <https://play.google.com/store/apps/details?id=com.vincentvuong.broadwaylottery>
- First on Google Play Store for the search query: "Broadway Lottery," with 500+ downloads and 1000+ in app events

### Ninjax

Game Development

- <http://vincentvvv.github.io/projects/ninjax>
- Developed a Platformer Game in Unity3D with C#. Used OOP and object pooling to improve in game performance
- Used JSON to store in game data

### AvatarPulse

Contest: kissmyapp.ca

- Awarded \$200 for making it into the top 5 video pitches for the application contest hosted by Osler Health
- Worked with a partner to develop a Android prototype in Java

## Hackathons

### Hack the North

Web Development

- <https://devpost.com/software/bountyphish>
- Worked in a team of 3 to create a social engineering Bounty Platform through the use of Django
- Learned about cyber security and various social attacks, such as phishing
- Won an award from Domain.com for the best domain name: BountyPhish.com

### Global Game Jam

Game Development

- <http://globalgamejam.org/2015/games/destiny-drawer>
- Worked in a team of 3 to develop a platformer game in Unity3D. Focused on level design, artwork, and UI/UX
- Won the award for the "Best Story-Line"

## Volunteer Experience

### Orientation Leader

University of Waterloo

Fall 2015 & Fall 2016

- Led and supervised events, ran a Caricature booth, and cosplayed as a zombie surgeon for the haunted house event

### Assistant Volleyball Coach

Weston Collegiate Institute

Winter 2014

- Ran drills, gave motivational speeches, and helped train the Jr. Girls' Volleyball Team at Weston Collegiate Institute

## Interests & Hobbies

### Interests

- Virtual/Augmented Reality, Mobile Development, Game Development, AI, Machine Learning, Security

### Hobbies

- Volleyball, Ping Pong, Hairstyling/ Cutting Hair, Sketching, Food, Weight Training, Anime