

# Stephen Luc

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🏠 stephenluc.github.io/

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## Skills

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Java, Python, Android, SQL, HTML, JavaScript, CSS, PHP, C

## Experience

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### Zanbato

Mountain View, CA

SOFTWARE ENGINEERING INTERN

May - Sept 2017

- Automated web crawling and extraction of financial business data and investment allocations in Python
- Designed a database schema to persist extracted data in PostgreSQL
- Analyzed institutions' investment allocation trends for insights which led to numerous alternative investment recommendations in Python
- Built visualizations for statistical data made on the trading platform in Python using plotly library
- Built several stock charts and comparison charts to assist in following the private market in Django and JavaScript using C3.js library

### BrainVision

Toronto, ON

MOBILE DEVELOPER INTERN

Feb - Aug 2016

- Designed and developed the UI of the Android application using MVVM
- Implemented a sorting function to allow users to sort products by distance from their current location, price or alphabetical order
- Built the search feature which allows users to discover new products or stores

## Projects

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### Social Ticket Manager

FREELANCER

- An Android mobile ticket manager application where customers can purchase tickets to upcoming social events and allows managers to track the number of tickets sold by each employee and view the financial metrics
- Integrated StarIO Printer SDK to print custom made receipts to validate ticket purchases
- Built the customer view to dynamically change depending on the social event selected and collect user information
- Leveraged data binding to display purchased tickets and automatically update the list of events when a new event is added
- Used Firebase to persist purchased ticket

### Onesearch

[ON THE GOOGLE PLAY STORE](#), 4.8 STARS, 1000+ DOWNLOADS

- Classic Android word search game where all letters in the word search are from the instance of that word
- Built a dynamically resizable word search UI to support a range of devices
- Create a multi-threaded python script to query different APIs for new words with various validation and profanity checks

### Bolt

- A WebApp that allows users to become more punctual by setting a check-in point and if you are late you will donate a predetermined amount of money to a charity
- Worked on various UI components in Angular
- Validated user's location when checking in by implementing a geolocation API to get user's current location

## Education

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### University of Toronto

CANDIDATE FOR HONOURS BACHELOR OF SCIENCE, MAJOR IN COMPUTER SCIENCE

2019

## Interests

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- Enjoy participating in Hackathons, reading up on the latest technologies and discovering new sports and activities