Stephen Luc

✉ stephenluc96@gmail.com   ⌂ stephenluc.github.io   stephenluc   stephen-luc

Skills

Languages: Python, JavaScript, GraphQL, PHP, CSS, Java, SQL, C
Frameworks: ReactJS, React Native, Relay, Django

Experience

Facebook   *Menlo Park, CA*
Software Engineering Intern   *Jan - Apr 2018*
- Designed and built a new productivity feature for the internal tasks tool, which is used by 25000 employees within the company, to display a high level overview of a project
- Created a dashboarding tool which tracks the progress of a project by showing the tasks completed and the tasks completion rate and is used in over 2600 projects in the company
- Productivity feature reduced the ramp up time for new engineering employees by 15%
- Worked with ReactJS and React Native to bring features to multiple platforms
- Abstracted components in ReactJS and React Native by using GraphQL and Relay to allow for localization of data

Zanbato   *Mountain View, CA*
Software Engineering Intern   *May - Sept 2017*
- Automated web crawling and extraction of financial business data and investment allocations of over 500 institutions in Python
- Analyzed all the institutions' investment allocation trends leading to 25 institutions being recommended to the business and operations team, resulting in an increase to the number of institutions using the platform by 70%
- 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 allows 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

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
- Leveraged data binding to display purchased tickets and automatically update the event list

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
- Created 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
- Validated user's location when checking in by implementing a geolocation API to get user's current location

Education

University of Toronto   *April 2019*
Candidate for Honours Bachelor of Science, Major in Computer Science