

## Education

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**Brown University** Sc.B in Computer Science  
2014-2018  
Concentration GPA: **3.83**

Database Management Systems\*, Multiprocessor Synchronization\*, Computer Systems\*, Discrete Structures and Probability, Algorithms and Data Structures, Linear Algebra, User Interfaces, Object-Oriented Programming, Methods of Applied Math (Differential Equations),

\* in progress

## Experience

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**Development Intern** GoodWorld - *Summer 2016*  
*Start Up revolutionizing donations online, Washington, DC*

Collaborated with the development team in shipping out/ bug fixing their new widget product using LAMP stack development and Facebook API

Assisted in the redesigning of the main website using HTML5, CSS and JavaScript

Aided in the redesigning of the secondary website and templates for clients which ran on HubSpot Development

Led in the coding of Facebook growth hacks such as push notifications written in PHP

**Intern** ECDC - *Summer 2015*  
*Microloan Lending Group, Arlington, VA*

Shadowed and worked under the lead portfolio manager in charge of all loans for two months

Organized data in the last five years into a data bank using Microsoft Excel

Developed a data entry template linked to the master database for instant update

Reviewed legal documentation necessary for the loan process

Also involved in reconciling the disbursement of the loan budget

## Leadership and College Roles

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**TA for Management of Industrial and Nonprofit Organizations** - *Fall 2016*

Co-lead a section of 12 students in business case discussions and graded their short papers weekly

## Technical Skills

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### Proficient

Python, Java, C, SQL  
HTML5, CSS, HubSpot Development

### Prior Experience

PHP, Git, Matlab, JavaScript, Functional Programming, Laravel

## Projects

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### Messaging Bot - *Summer 2016* [Python]

Coded a Messaging Bot as an application for Slack.com using the python-slackclient API

The Slack-bot was designed to give donations to Non-profits and can hold multiple conversations with the Slack team's users via a channel or direct message. Had 4 working commands and autocorrect detection. [Python]

### Graphing Tool - *Spring 2016* [Java]

Created a graph class with the underlying data structure of an adjacency-matrix.

Designed as well the Prim-Jarnik algorithm and Kruskal's algorithm that returns the minimum spanning forest (MSF) as a collection of edges

### Seamcarve - *Spring 2016* [Java]

Implemented a seam carving tool that would take in images and resize the image while keeping the most important pixels

Learned basic image processing and efficient handling of large input

### Paint Application - *Fall 2015* [Java, JavaFX]

Developed a paint application that free draws, create shapes, edit, undo and redo and save documents.

### Tetris - *Fall 2015* [Java, JavaFX]

Designed the UI and the game Tetris.

Game had similar function to the arcade game. It had the ability to pause, show score and restart

### Interests:

Data Science, Machine Learning, Design

### Hobbies/ Passion:

Esports, Soccer, New Technology, Animals, Healthy Living, Music (Hip Hop and Indie Rock)