

EDUCATION

Georgia Institute of Technology
Candidate for Bachelor of Science
Computer Science 2020
Threads: People & Intelligence

SKILLS & INTERESTS

LANGUAGES: Java, C, Python, HTML & CSS, SQL, Javascript
TECHNOLOGIES: Thymeleaf, Pivotal Cloud Foundry, Springboot, Maven, JavaFX, Android Studio, Git & Github, Bootstrap, JUnits, JSON
INTERESTS: Blockchain, Predictive Machine Learning, Marketing Personalization, Web & Mobile Apps, Automated Security Trading

WORK EXPERIENCE

ORANGEWORX INNOVATION LAB @ HOME DEPOT
Software Engineering Intern

Jan 2018 to May 2018
Atlanta, Georgia

- Will be working on a blockchain model of Home Depot's supply chain, and a variety of other innovative solutions to business problems.

THE HOME DEPOT
Software Engineering Intern

May 2017 to Aug 2017
Atlanta, Georgia

- Automated a database update process (an error-prone technical chore), cutting down the time spent from 2 hours to 20 seconds a week by creating a web app with Java, Springboot, and Thymeleaf.
- Created many internal data piping microservices with Java, Springboot, PCF, Maven, and Git, and pushed them to production.
- Worked with strong AGILE principles, assisting the Product Manager with demos, retros, and planning at the end of weekly sprints.

FIRST FLAG REALTY INC.
Licensed Real Estate Agent

May 2016 to Aug 2016
Jericho, New York

- Sold a \$400,000 home after several informative open houses and successful meetings with clients.
- Acted as the MC for our annual company party, ensuring the event flowed smoothly and entertaining 70 guests during breaks.
- Shadowed and assisted the Owner/Broker during phone calls, meetings, and business deals.

PERSONAL PROJECTS

Defend the Wall (C, GameBoy Advance)

Nov 2017

- Designed and implemented a complete (backend + graphic UI) GameBoy game in C, loosely inspired by Space Invaders.
- Built functionality entailing linear object collision recognition and randomized enemy patterns to create a more realistic experience.
- Sought and implemented feedback of five users in order to balance the game and allow for a more robust experience.

IdentifiAR (HoloLens, Python) @ HackGT 4

Oct 2017

- Worked with a Microsoft HoloLens and the Azure API to create an augmented reality app that allows identification of everyday items.
- Used Python to create a tagging and filtering system that suggested items from the NCR database similar to the selected item.
- Utilized NCR's API to refine the identification of items by pairing Azure tag results with keywords in the NCR database.

TilvuStocks (Python) @ Bloomberg's CodeB Hackathon

Jan 2017

- Coded in Python with Bloomberg's API to autonomously buy and sell stocks based on projected future growth in a simulated environment.
- Used rudimentary artificial intelligence to evaluate and rank stock performance & dividend return before triggering a buy.
- Came 4th place when pitted against 25 other algorithms in competition rounds, beating the next competitor by a full 7% ROI.

www.JoshPhilipose.com (HTML & CSS, JavaScript, Bootstrap)

Dec 2017

- Built a simple, responsive website from scratch to showcase some of my projects & interests, and hosted it on the Google Cloud Platform.
- Created a Bitcoin investment calculator that allows users to calculate their investment growth based on inputted parameters.
- Utilized Google Analytics and conducted UX reviews, implementing feedback after soft launching the website to a group of 20 individuals.

LEADERSHIP

Alpha Kappa Psi (Professional Co-Ed Business Fraternity) - Investments Director, Fundraising Liaison

Jan 2017 to Present

- Managed an stock portfolio of \$15,000+, achieving a 13% ROI in three months through low-risk trading strategies.
- Educated 80+ members about personal finance, the stock market, cryptocurrency, and real estate through biweekly presentations.
- Hosted personal finance workshops to guide members through investment stages, creating tailored investment strategies for individuals.

Residence Hall Association - Hall Council - Treasurer

Aug 2016 to May 2017

- Handled the legalities and logistics of \$7000 for the events, reimbursements, and traditions of 3 residence halls, totaling 500+ students.
- Improved relationships between students by funding and planning socials, holiday parties, and tournaments.
- Increased efficiency in fund reimbursement, smoothly handling unforeseen circumstances and ensuring full transparency to constituents.