

EDUCATION

Georgia Institute of Technology
Candidate for Bachelor of Science
Computer Science 2020
Concentration in 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

THE HOME DEPOT Software Engineering Intern

May 2017 to Aug 2017
Atlanta, Georgia

- Automated a database update process (a tedious & 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.
- Used Java, Springboot, PCF, Maven, and Git to create many internal data piping microservices and push 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.
- Shadowed and assisted the Owner/Broker during phone calls, meetings, and business deals.

PERSONAL PROJECTS

Defend the Wall (C, GameBoy Advance)

Nov 2017

- Designed a complete (backend + graphic UI) GameBoy game inspired by Space Invaders, writing the game in C.
- 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 you to identify 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 machine learning 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.

LEADERSHIP

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

Jan 2017 to
Present

- Managed an active stock portfolio of \$15,000+ while educating the brotherhood about personal finance and investment into 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.
- Accepted interviews with 20+ pledges, stimulating their professional development and helping them set and achieve goals for the semester.

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.
- Improved relationships between students by funding and planning socials, holiday parties, and tournaments.
- Was lauded by students and faculty alike for my efficiency in reimbursing funds, transparency with our financials, and smooth decision making when unforeseen circumstances inevitably popped up.

Jericho Robotics Team - Captain & Lead Programmer

Aug 2015 to Jun 2016

- Won the VEX Robotics World Championship Design Award, given to the team with the best design, documentation, and presentation.
- Designed, build, and coded a robot, organizing daily after-school work sessions and weekend meets for 8 teammates.
- Guided 3 sister teams with their builds, designing robots that would complement each other in competition.
- Used Autodesk Inventor CAD software for designing, grinders and power tools for building, and ROBOTC for coding.