

KISHAN SEGU

Germantown, MD

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Software Developer

EDUCATION

University of Maryland, College Park

Expected: May 2019

Double Major: Bachelor of Science in Computer Science & Economics

GPA: 3.4/4.0

Relevant Coursework

Completed

- Data Structures and Algorithms, Computer Systems, Discrete Math, Functional Programming, JavaScript and PHP, Node.js and Express, Econometrics 1 & 2, Advanced Micro & Macro Economics, Game Theory, Multithreading, Data Science, Computer Architecture

Currently Enrolled

- IOS Programming, Database Design, Bioinformatic Algorithms, Capital Markets

WORK EXPERIENCE

Bank of America Merrill Lynch

New York, New York

Software Engineering Intern

June 2018 – August 2018

- Developed a real-time java based Dv01 Calculating application for the International Bonds market as a part of BofA's E-Trading Rates team
- Developed a scalable enterprise application from scratch that listens to completed trades and derives necessary input to output a result.
- Gained experience in querying, functors, object oriented design, exception handling, code coverage, and the SDLC
- Encapsulated project into a runnable jar file to be used by the company and incorporated into BofA's trading platform.
- Gained business/finance knowledge and experience using varying business and trading applications such as trade web for data analytics and technical analysis.

PERSONAL PROJECTS

Smart-Invest Chat Bot:

October 2017 - Present

- Contributed to a Java Based Investing Bot application with T-Rowe Price developers at their annual hackathon and placed 2nd
- Deployed on AWS with the Xignite Market APIs to provide user's with market news, top performers in each exchange market, recommendations on purchasing a stock, and the ability to purchase stocks
- Incorporated a multi platform chat-bot that runs on marketing channels such as Facebook messenger, Slack and AWS connect voice services

Student Budget Balancer:

April 2017 - Present

- Developed a Java based student Budget Calculating and Savings application on Android Studio with peers at the UMD BitCamp Hackathon
- Wrote several methods that represented student expenditures and increased user response efficiency by 20% as a result of optimizing the data structures and iterations.

SKILLS

- Proficient in Object Oriented Java programming
- Familiar with Swift, Ruby, Git, SQL, Python, JavaScript, C, HTML, CSS & PHP
- Fluent in English, Hindi, Kannada, Telugu and Spanish

ACCOLADES AND INTERESTS

- Dean Award Recipient at UMD and Volunteer Awards for 750+ service hours at SSVT Temple & Shady Grove Hospital
- Interests in Indian Classical Music, Guitar, Tennis, Fifa, Pokemon, Suits & Rick and Morty