# KISHAN SEGU

Germantown, MD

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*Software Developer*

## EDUCATION

**University of Maryland, College Park**                                   Expected: July 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, Econometrics 1, Micro and Macro Economics

*Currently Enrolled*

- Multithreading, Data Science, Computer Architecture, Node.js, Econometrics 2

## 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 $2^{nd}$
- 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 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