

# Rishabh Bendiganavale

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## EDUCATION

**University of Maryland, College Park** Expected July 2020

B.S. in Computer Science

Minor in Technology Entrepreneurship

**Coursework:** Completing Algorithms (CMSC351), Organization of Programming Languages in Ruby, OCaml (CMSC330). Completed Object-Oriented Programming I and II, Discrete Structures, Computer Systems in C.

**Tech Stack/Skills:** Java, Python, C, iOS development in Swift, JavaScript, React/React Native, MATLAB, HTML/CSS, Scripting in Ruby, Functional Programming in OCaml.

## EXPERIENCE

**Software Engineering Intern (Web/Mobile) – Place Tempo.** Washington D.C., 11/18 – Present

- Designed and built frontend features of the website and mobile application. (React, React Native)
- Developing backend reservation system that allows users to reserve and hold time slots in real time. Learning server-side programming. (Python)

**Undergraduate Researcher – University of Maryland.** College Park, MD, 9/17 – 12/18

- Invited to join FIRE: Designing Innovations Stream 2018 Cohort. Researched different design processes (i.e. group dynamics) to devise efficient methods to develop hardware and software solutions.
- Specifically developed a script that scans an Excel document to find trends in a design session. Presented findings to professors and students on a monthly basis. (MATLAB, Java)

**Data Analyst Intern – New Jersey Institute of Technology.** Newark, NJ, 8/16 – 9/16

- Researched with Dr. Gordon Thomas on a "Smart Shunt" for patients suffering from hydrocephalus (cranial pressure due to fluid buildup).
- Performed data analysis techniques on data collected from MEMS sensors: air/water pressure, flow rate, and pulsatile/vibration tests conducted. (Spyder, MATLAB, LabVIEW, OriginPro)

## PROJECTS

**Social Media Simulator – Personal Project**

Developed the backend for a program that emulates a social media platform. Some key features include creating a user, friending, and suggesting people they might know. In a private repository due to it being continuation off of coursework – ask if need to view. (Java, data structures/algorithms, threads)

**Personal Fitness App – Personal Project**

Blueprinted and currently developing front and backend for an iOS app that stores user input (calories, workouts) to help reach fitness goals. Learned fundamentals of mobile development, UI/UX, design. (Swift)

**Hackathon Project – Team Project – <https://disprev.github.io>**

Collaborated in a group of 4 to create a service that shows the number of supplies in stores for emergencies. I specifically worked on integrating Google Maps into the website. Task allocation and group dynamics were key as the project had to be split up. (HTML, CSS, JavaScript, APIs)

**Teaching Assistant Manager – Course Project**

Architected a management system for teaching assistants. Some key features include hiring two types of TAs, assigning them to classes, and managing payroll. (Java, data structures, objects, threads)

## AWARDS, LEADERSHIP, COMMUNITY SERVICE

•UMD President's Award (2017) Organizer •LoL Club Treasurer – manage finances, discuss fundraisers with local and chain businesses. •Place Tempo Student Ambassador •EqualsEquals Organizer •Committee Member: Red Cross Relay for Life, Mercer County NJ Branch (2015 – 2017) •Volunteer: Centrastate Hospital Freehold NJ (2014 – 2016)

## LINKS

LinkedIn:// rishabh-b, Github:// rishabhb5, Twitter:// @rishabee5