

# Rishabh Bendiganavale

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## Contact:

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

## EXPERIENCE

**SWE Intern (iOS) – JetSweat LLC.** New York, NY, 5/19 – Present

- Frontend, backend iOS Engineering. (Swift)

**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)

## EDUCATION

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

B.S. in Computer Science

Minor in Global Engineering Leadership

## Coursework:

- Currently completing Algorithms (CMSC351), JS/PHP (CMSC389N), Web Apps (CMSC388J)
- Completed Functional Programming/Scripting/Security in OCaml/Ruby/Rust, Data Structures, Computer Systems in C, Discrete Structures, Object-Oriented Programming.

## 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)

## 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)