

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

Software Engineering 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)