

EDUCATION

University of Maryland, College Park

B.S. Computer Science 2020
3.87 GPA
Technology Entrepreneurship Minor
Design Honors Program (DCC)
QUEST Honors Program
Maryland Images (Tour Guides)

SKILLS & COURSES

Languages: HTML/CSS/JS, Python, Java, SQL, PHP, JavaScript, C, Assembly (Y86)
Frameworks/Tools: Bootstrap, Flask, Play, React, Selenium, JIRA, Confluence, Git, Sketch, GraphQL
Courses: Algorithms, Applied Statistics, Data Science, Research in Computing Interaction, Discrete Structures, Computer Systems, Data Structures, Multivariable Calculus

EXPERIENCE

JumpStart

Campus Ambassador

Helping build a modernized recruiting platform specifically for university students in tech.

Los Angeles, CA / College Park, MD
Aug 2017 to Current

University of Maryland

Undergraduate Teaching Assistant

Leading recitation sessions for CMSC131 (Introduction to Computer Programming) for ~30 students.

College Park, MD
Fall 2017

LendUp

Software Engineering Intern

- Financial technology startup with a socially impactful mission: Provide anyone with a path to better financial health
- Managed both product and engineering aspects of transaction synthesis project for credit card
- Wrote project briefs, architecture diagrams, feature tickets, design/development roadmaps, and code
- Performed comprehensive data scraping to get transaction merchant info, saving the company ~\$1 million over the next year
- Built scraping within a backend Python service, helping pave the way for service-oriented architecture within the company
- Implemented daily job for new transactions & merchants, and integration with mobile app for new transactions
- Designed front-end changes in Arrow Card app to deliver enhanced transaction insights to users
- Enhanced accessibility for vision-impaired users in mobile app, changes are now live in the [app store](#) (JavaScript, React Native)

San Francisco, CA
Summer 2017

BookHolders

Software Engineering Intern

- Wrote + optimized Python (Selenium server)code using XML templates
- Performed major upgrades (integration with Flask backend, UI/UX overhaul) to internal Android app
- Designed and developed brand-new user dashboard by integrating React.js with Flask backend
- Wrote barcode generation algorithms to dynamically print USPS labels (ASP.NET/VB)
- Scraped websites and order emails to return clean data (Selenium server, Python regular expressions)

College Park, MD
Summer 2016, Winter 2016

PROJECTS

Supermodel

Flask web app that automatically generates machine learning models for mainstream use.

Jul 2017

[SparkMark](#)

Co-founded a non-profit student-run consulting organization that specializes in utilizing a Gen Z perspective to help startups and small businesses better understand and adapt to a changing business climate.

Jan 2017 to Current

[Bipartisan](#)

Flask web app that uses machine learning and natural language processing to find the credibility of news articles. (hophacks-bipartisan.herokuapp.com)

Feb 2017

[Galileo](#)

Flask web app that uses a special pruning algorithm to find the optimal UMD class schedule based on a student's classes and preferences. (hackstreetboys-galileo.herokuapp.com)

Jan 2017

[PhoneBuzz](#)

Flask web app that plays Fizz Buzz with a user through a phone call using Twilio. (rach-phonebuzz.herokuapp.com)

Oct 2016

[Voluntutor](#)

Laravel (PHP) web app that shows tutoring opportunities and requests for school organizations. Created for IB Computer Science Internal Assessment. ((rach-voluntutor.herokuapp.com)

Apr 2016