

Ashrita Raman

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EDUCATION

Cornell University, Arts and Sciences, Ithaca, NY

Aug 2017 – Dec 2020

Major: Computer science / Minors: Music, linguistics

Cumulative GPA: 3.6/4.0

Relevant Coursework: Analysis of Algorithms, Natural Language Processing, Text Mining, Programming for the Web, Information Retrieval, Machine Learning, Object Oriented Programming and Data Structures, Practicum in Artificial Intelligence

TECHNICAL SKILLS

Java, Python, Swift, HTML/CSS, JavaScript, Bootstrap, React, React Native, Angular, TypeScript, JQuery, Firebase, Spring Boot, Qlik Sense, Tableau, Agile

PROFESSIONAL EXPERIENCE

BlackRock, *Remote*

July 2020 – Aug 2020

Software Engineering Intern

- Worked under the Site Reliability Engineering Quality Tools team to populate the Code Quality Dashboard using data from the Azure DevOps API and SonarQube
- Used Spring Boot to call Azure and SonarQube endpoints and Angular to develop a mock UI
- Obtained over 60 code quality metrics from Azure and SonarQube, including line coverage, tests covered, and number of bugs

rapStudy, *Remote*

June 2020 – July 2020

Full Stack Developer Intern

- Developed an e-learning website that helps children learn lyrically to increase engagement and retention
- Implemented website components using React and retrieved user, playlist, and song data with Firebase
- Wrote unit tests for React components using Jest and Enzyme

Novo Nordisk, *Plainsboro, NJ*

June 2019 – Aug 2019

Data Analytics Intern

- Programmed Python scripts to highlight discrepancies in clinical trial data and merge product safety data
- Built Tableau and Qlik Sense applications for the product safety team using the Qlik Engine and Widget APIs
- Created a website using HTML, CSS, JavaScript, and Bootstrap to present an innovative approach to break the stigmas surrounding adolescent obesity

iD Tech Camps, *Princeton, NJ*

June 2018 – Aug 2018

Computer Science Instructor

- Taught students how to create an image recognition program and train machine learning models using Tensorflow and Python
- Incorporated the Processing library in Eclipse to help students create applications and games using Java
- Received positive reviews from over 30 parents

ORGANIZATIONS

Cornell Design and Tech Initiative, *iOS Developer (Sep 2018 -- May 2020) and Technical Product Manager (Sep 2020 -- Dec 2020)*

- Developed an iOS app called eve that allows students to track events at Cornell and share them with others
- Led the initial technical development of CUApartments, a website where the Ithaca community can share apartment reviews

Rewriting the Code, *Fellow*

Jan 2019 – Dec 2020

Cornell Symphony Orchestra, *Violinist*

Aug 2017 – Dec 2020

PROJECTS

Pay it Forward, *Square Code Camp Hackathon*

Aug 2019

- Designed and developed a website using Ruby on Rails, HTML, and CSS for businesses to provide food and shelter to the homeless

Peachnote Ngram Dataset, *Cornell University*

Sept 2018 – Dec 2018

- Analyzed a dataset and created visualizations using matplotlib and seaborn to show changes in popular musical sequences over time