

# 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 (NLP), 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, Sass, JavaScript, Bootstrap, React, React Native, Angular, TypeScript, JQuery, Firebase, Spring Boot, Qlik Sense, Tableau, Agile, Git, NPM, Pandas, Node.js

## PROFESSIONAL EXPERIENCE

**Quarantine Buddy, Ithaca, NY**

Sep 2020 – Dec 2020

*Software Engineering Intern*

- Implemented the iOS version of a website that pairs individuals based on their interests and fosters virtual friendships through remote events.
- Used React Native to develop the application, AWS amplify to maintain the user database and implement sign-in, and CometChat to integrate messaging within the app.

**BlackRock, Remote**

July 2020 – Aug 2020

*Software Engineering Intern*

- Worked under the Site Reliability Engineering Quality Tools team in an Agile environment 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

## ORGANIZATIONS

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

- Developed an iOS app using Swift 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