

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, Sass, JavaScript, Bootstrap, React, React Native, Angular, TypeScript, Go, Firebase, Spring Boot, Qlik Sense, Tableau, Agile, Git, NPM, Pandas, Azure, Snowflake, Kubernetes, Docker, Openshift

PROFESSIONAL EXPERIENCE

Blackrock, New York, NY

Aug 2021 – Present

Software Engineering Rotation Analyst

- Aladdin Studio: Aug 2022-Present
- Aladdin Research: Feb 2022-Aug 2022
 - Used Angular and Typescript to develop microfrontends for a web application used by equity analysts to publish research notes
- Reconciliation: Aug 2021-Feb 2022
 - Worked on replacing a legacy C server that handles cash flows with a Java server using Spring Boot and Hibernate
 - Tested the server on 100+ threads and 10000+ iterations and significantly improved performance time by 87.3%

mayk.it, Remote

Jan 2021 -- May 2021

iOS Engineering Intern

- Worked with a team of 5 developers to build an app that democratizes music
- Used the RxSwift framework to implement sign in and invite flows
- Implemented LKFS audio normalization using the AVFoundation library and fixed over 40 bugs in UI and audio

IvyOnlineAcademy, Ithaca, NY

Sep 2020 – Dec 2020

Machine Learning Intern

- Implemented sentiment analysis algorithms using recurrent neural networks to interpret financial documents and predict stock market movements
- Processed financial documents with over 300 article titles and outputted the sentiment for each article

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

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

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 shelter for the homeless