Ashrita Raman

ar699@cornell.edu
https://www.linkedin.com/in/ashritaraman/ • https://github.com/ashritaraman • http://ashritaraman.me/

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, JQuery, Firebase, Spring Boot, Hibernate, Qlik Sense, Tableau, Agile, Git, NPM, Pandas, Node.js, Azure

PROFESSIONAL EXPERIENCE

Blackrock, *New York, NY*   Aug 2021 – Present
Software Engineering Rotation Analyst
- Aladdin Research: Feb 2022-Present
- Reconciliation: Aug 2021-Feb 2022
  - Worked on replacing a legacy C server with a Java server that handles miscellaneous cash flows
  - Used Java, Spring Boot, and Hibernate to implement the update CRUD operation for the server
  - 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
- Fixed over 40 bugs in UI and audio

Quarantine Buddy, *Ithaca, NY*   Sep 2020 – Dec 2020
Mobile 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.

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 food and shelter to the homeless