



Ashrita Raman


Student at Cornell University | Computer Science


Major in computer science and minors in music and linguistics. Interested in iOS development, full-stack web development, natural language processing, and music technology. Passionate about the intersection between technology and the arts and using a data driven approach to solve real-world problems using technology.


ar699@cornell.edu 

609-865-5303 

Plainsboro, NJ 

ashritaraman.me 

linkedin.com/in/ashritaraman 

github.com/ashritaraman 

WORK EXPERIENCE

BlackRock

Software Engineering Intern

07/2020 – 08/2020

Achievements/Tasks

- Working with the Site Reliability Engineering Quality Tools team to pull data from the Azure DevOps API and populate the Code Quality Dashboard
- Using Spring Boot to call Azure REST endpoints, Angular to develop a mock UI, and MongoDB to develop a persistence layer

rapStudy

Full Stack Developer Intern

06/2020 – 07/2020

Achievements/Tasks

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

Novo Nordisk

Data Analytics and Application Development Intern

06/2019 – 08/2019

Plainsboro, NJ

Achievements/Tasks

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

iD Tech Camps

Computer Science Instructor

06/2018 – 08/2018

Princeton, NJ

Achievements/Tasks

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

EDUCATION

Bachelor of Arts, Computer Science

Cornell University

08/2017 – 05/2021

GPA: 3.5

Relevant Courses


- Object Oriented Programming
- Data structures and functional programming
- Information Retrieval
- Computational Linguistics
- Design and Programming for the Web
- Practicum in Artificial Intelligence
- Machine Learning
- Analysis of Algorithms

PROJECTS

Pay it Forward | Square Code Camp Hackathon (08/2019)

- First place hackathon winner
- Designed and developed a website using Ruby on Rails, HTML, and CSS for businesses to provide food and shelter to the homeless
- Integrated the Google Maps API to allow users to view their current location and nearby businesses

Peachnote Ngram Dataset | Cornell University

(09/2018 – 12/2018) 

- Used Python to analyze a dataset containing musical sequences spanning 400 years
- Created visualizations using matplotlib and seaborn to show changes in popular sequences over time

ORGANIZATIONS

Cornell Design and Tech Initiative (09/2018 – Present)

Developing an iOS app called eve that allows students to track events at Cornell and share them with others

Rewriting the Code (01/2019 – Present)

Fellow

Cornell Symphony Orchestra (08/2017 – Present)

Violinist

TECHNICAL SKILLS

Java

Python

Swift

HTML

CSS

JavaScript

Typescript

JQuery

Bootstrap

React

Angular

Firebase

Spring Boot

Qlik Sense

Tableau