


Ashrita Raman


Student at Cornell University | Computer Science |
Linguistics | Music


Interested in natural language processing, artificial intelligence, human-computer interaction, software development, and data science. Passionate about using a data driven approach to solve real-world problems using technology.

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WORK EXPERIENCE

Data Analytics and Application Development Intern Novo Nordisk

06/2019 – Present

Plainsboro, NJ

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

Mobile Development Intern White Fox Scooters

06/2019 – Present

Remote

- Enhanced user experience and UI/UX functionality of the iOS app by modifying the navigation flow
- Used Firebase and the Stripe API to save and parse user data
- Tested the app using Google Cloud functions and the Swiftmile API

Computer Science Instructor iDTech Camps

06/2018 – 08/2018

Princeton, NJ

- Created weekly lesson plans for high school students
- Helped students code with 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

Mobile Development Intern Xevo

06/2018 – 07/2018

Remote

- Worked with a team of three students to implement an iOS app that allows individuals to get questions answered by experts who provide comprehensive solutions
- Enhanced frontend functionality and designed screens for the user to view their data
- Integrated Firebase authentication to store user data and used CocoaPods to add a Facebook login option

AWARDS AND HONORS

First place hackathon winner
Square Code Camp

Fellow (02/2018 – Present)
Rewriting the Code

EDUCATION

Bachelor of Arts, Computer Science Cornell University | GPA: 3.41

08/2017 – 05/2021

- Data Structures and Functional Programming
- Object Oriented Programming and Data Structures
- Systems Programming
- Computational Linguistics
- Design and Programming for the Web
- Discrete Mathematics

ORGANIZATIONS

Cornell Hack4Impact (03/2019 – Present)

Frontend web developer

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

Frontend iOS Developer

Cornell Symphony Orchestra (08/2017 – Present)

Violinist

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

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

- Used the Kingfisher and SnapKit libraries to develop frontend aspects of an iOS app that allows students to track events at Cornell

Peachnote Ngram Dataset | Cornell University
(09/2018 – 12/2018)

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

TECHNICAL SKILLS

Java Python HTML CSS JavaScript

JQuery Bootstrap Swift MATLAB OCaml

Tensorflow Tableau Qlik Sense Excel VBA