Ananya Chaudhary

✉ achaudh2@andrew.cmu.edu · ⌂ gogirlgetit · 🔗 ananya-chaudhary-3571361b3 · 📍 Pittsburgh, PA

Education

Carnegie Mellon University
Bachelor of Science
Computer Science, May 2024

Relevant Coursework:

- 15-112: Fundamentals of Programming and Computer Science
- 15-122: Principles of Imperative Programming
- 15-150: Principles of Functional Programming
- For more information on these courses, click here.

Skills

Languages:
English · French · Hindi

Programming Languages:
Python · Java · C

Industry Experience

InfinX · Product Management and Data Science Intern   July 2021 to Present

- Working with CPO and Lead Data Scientist.
- Helped company analyze competitive data and come up with product features.

Inspirit AI · AI/ML Teaching Assistant   June 2021 to Present

- Working with a team of Stanford Masters and PhD students.
- Taught high school students basic Machine Learning models such as Linear and Logistic Regression, K Nearest Neighbors and Neural Networks to guide them to create social impact using AI as a part of the AI Scholars program.

Carnegie Mellon University · Research Assistant   April 2021 to August 2021

- Working with Team Explorer for the DARPA Subterranean Challenge.
- Built training data set to help them recognize objects in a video.

Let's Talk · Founder   August 2018 to Present

- I created an organization that aims to destigmatize depression in teenagers among all communities in Bangalore.
- We hold awareness sessions across the city in all settings including corporate offices. Conducted sessions at Google Bangalore, Novozymes and few more.
- I was recognized as a 'Future Leader' at the United Nations Headquarters in New York and asked to speak at the annual Activate Impact Summit for my work.

IoTracX · Intern   March to May 2018

- Worked on 'Agroblock' - a product that utilized blockchain technology to create more transparency in the agricultural supply chain

Selected Projects

College Student Meal Scraper · 2020

- Created a search engine that used web scraping to help college students plan meals based on the ingredients in their refrigerator and their past preferences.
- Also had a general recommendation mode that collated all previous searches as well as liked recipes and then identifies cuisine and taste preferences and produces a list of recipes to try out.

Multimodal Textbook Generator · 2019

- Built a Linear Regression Model to embed contextually relevant videos to a traditional textbook and create an interactive multimodal digital textbook.
- Extracted features from Youtube videos, experimented with various ML models, created training data and used Python to create eBooks.
- This work was endorsed by Dr. Mahesh Mohan (a PhD Googler).

Emotion Detection and Twitter Movie Review Sentiment Analysis · 2018

- Created a python program to do sentiment analysis and rate movies based on sentiments expressed in recent tweets.
- Developed a rule engine to compute an overall score for the movie based on the count of positive and negative tweets.

Research and Publications

Effects of Multimodal Textbooks on Learning
Author, International Journal of New Technology and Research