Divya Damodaran

3E Eddygate Apartments, 110 Dryden Rd, Ithaca, NY, 14850   (607) 793-5369   dd492@cornell.edu

Education

CORNELL UNIVERSITY, ITHACA, NY
Bachelor of Science: Major in Computer Science (Expected graduation May 2023)
Culminative GPA: 3.62/4.00

Technical Skills and Projects

Skills: Java *(Proficient)*, Python *(Proficient)*, SQL *(Proficient),* React *(Proficient)*, HTML *(Proficient)*, CSS *(Proficient)*, Tableau *(Proficient)*, Flask (Proficient), Spring *(Proficient),* Microsoft Office *(Proficient)),* JSP *(Proficient)*, JavaScript *(Proficient)*, JQuery *(Intermediate)*, SVG & D3 (Proficient), Typescript *(Proficient)*, AWS *(Intermediate)*, OCaml *(Intermediate),* Shell Scripting *(Intermediate)*, Machine Learning *(Intermediate)*, R *(Intermediate)*), React Native *(Intermediate),* Technical Writing *(Intermediate),* C *(Intermediate),* C++ *(Satisfactory)*

Projects:
StreamOn – TV show recommendation website. As part of this project, I wrote a script to scrape IMDB TV show data (Python), developed the front end of the search page based on a UX design (HTML/CSS & JavaScript/JQuery), developed the machine learning relevance fe edback component (Python) and deployed to Heroku
Alpaca – Command line text editor where users can read, write and edit files. Has find & replace and cursor functionality. Developed in the functional language OCaml using the Notty library as a base
County Election Results Predictions – Predicted the election result of each county for the 2016 US election based on socio-economic factors such as migration rate, birth rate, death rate, population, bachelors' rate and median salary, as well as past election results. Used Decision Tree (69% accuracy) and Support Vector (77% accuracy). Visualized and preprocessed data to optimize results

Work Experience

MICROSOFT CLOUD SECURITY, REDMOND, WA | *Software Development Intern, May 2022 – Aug 2022*
Microsoft is a multinational technology corporation which produces computer software, consumer electronics, personal computers, etc.
- Developed UI/UX of new context pane blade for Azure Sentinel Threat Intelligence blade/tab in React
- Fixed 403 error logging bug that reduced clutter in the error logs

AMAZON DEVICES, SEATTLE, WA | *Software Development Intern, Feb 2022 – May 2022*
Amazon is a multinational technology company which focuses on e-commerce, cloud computing, digital streaming, and AI.
- Developed additional features for a widget that underwent a successful experiment and completed launch readiness process for new features – project was on critical path which is typically not given to interns
- Refactored the code in the widget package to be more streamlined and readable and increased test coverage of package by 5%
- Created an Intern Onboarding guide and contributed three Knowledge Transfer videos to the team channel through either conduct ing it myself (one) or by organizing and recording it (two)

AMAZON DEVICES, SEATTLE, WA | *Software Development Intern, June 2021 – Aug 2021*
Amazon is a multinational technology company which focuses on e-commerce, cloud computing, digital streaming, and AI.
- Completed core development of a widget for amazon smart home detail pages and modified Org level libraries with functionalities that can be used by other widgets
- Received special recognition from UX Designer for leadership principle of "Deliver Results" through an amazon internal employee appreciation tool (amazon accolades)

UNIPANTRY, ITHACA, NY | *Software Development Intern, Jan 2021 – April 2021*
UniPantry is a start-up building a social platform to share and learn recipes.
- Set up dev architecture for the app and utilized Flask, React Native and Firebase in app development
- Contributed to MVP website and was the dev team representative for drawing up the dev budget

Leadership / Related Activities

CORNELL DATA SCIENCE PROJECT TEAM, CORNELL UNIVERSITY, ITHACA, NY
Finance Chair, June 2021 – present
- Responsible for team finances. This includes paying for goods and services on behalf of the entire team, reimbursing individuals, and creating a budget for the following semester
Algorithmic Trading Subteam Member (Oct 2020 – present), My Course Index Project Member (Feb 2021 – June 2021)
- As part of the algo team, worked on a project analyzing the effect of weather on Orange Juice Futures and underwent new member onboarding that teaches financial and machine learning related topics essential to algorithmic trading
- For the MyCourseIndex project, developed an algorithm for summarizing lecture notes, class forums (piazza, edstem) and other class material into a cheat sheet for students. Also developed an algorithm to summarize frequently asked questions for TAs.

CORNELL UNIVERSITY, ITHACA, NY
Course Consultant for CS 1110 – Intro to Computing with Python, Aug 2020 – present
- Held online office hours on course content and graded assignments & exams
- Led my office hour section and helped lab sections of approximately 30 students

GIRLS WHO CODE, CORNELL UNIVERSITY, ITHACA, NY
Middle School Co-lead (Dec 2020 – Jan 2022)
- Created course content and methodology to teach middle school students fundamental coding concepts. Facilitated and taught the class of around 20 students
Middle School Volunteer (Aug – Nov 2020), High School Volunteer (Jan – May 2020)
- Worked one-on-one over discord to teach Python to middle schoolers using Replt as a medium. Acted as a drifting volunteer in a class of 15-20 high schoolers to tutor them in JavaScript using khan academy