Shreeya Gad

sg988@cornell.edu | https://www.linkedin.com/in/shreeya-gad/ | https://github.com/shreeyagad

EDUCATION

Cornell University, *Ithaca, NY (Graduating Dec 2021 with M. Eng)* **GPA**: 3.552 (Cumulative)
Major: Computer Science, B.A. **Minor:** Business Minor for Engineers

Coursework: Machine Learning for Intelligent Systems, Machine Learning for Data Science, Computer Vision, Natural Language Processing, Programming Languages and Logic, Analysis of Algorithms, Data Structures & Functional Programming, OO Programming in Java, Data-Driven Web Applications, Computer Systems Programming, Business Intelligence Systems

WORK EXPERIENCE

Gusto, *Software Engineer Intern* *San Francisco, CA (June 2020 - Aug 2020)*
- Enhanced Payroll experience though end-to-end Expense Reporting feature w/ Faster Payments Experience team
- Deployed feature to 1,400+ of Gusto's 100,000 customers for employees to submit reimbursements to their employers, who can approve and integrate the reimbursements into employees' payroll
- Within first month of deployment, 180 companies used the feature, 922 reimbursements were submitted, and 657 were approved
- Collaborated with Sales & Design and conducted UX Research to determine use cases and develop specs for the MVP
- Leveraged Ruby on Rails to provide Model-View-Controller infrastructure for backend and React to support frontend
- Ensured security and division of abilities through CanCanCan authorization for employers and employees & data-entry validation
- Developed sorting/filtering for reimbursements and integrated Analytics events to record user activity

Publicis Sapient, *Software Developer Intern* *New York City, NY (June 2019 - Aug 2019)*
- Empowered Consumer Direct Marketing team with social listening web application built using Python & React
- Analyzed 100+ news articles per day to extract keywords & sentiment about a company and its products using Python libraries (Beautiful Soup, Scikit-learn)
- Utilized data visualization libraries like Google Chart API to display the data and Bootstrap to style the website
- Secondary project: Increased efficiency of brokerage firms through ML-driven React application that categorizes errors from 15,000+ trade records, analyzes errors for recurring trends, and presents data in a user-friendly interface
- Implemented classification model using JavaScript ML libraries, trained model to 78% accuracy, & enabled users to upload trade reports for processing and compare performance over time

PROJECTS

OOPLang, *CS 4110, Cornell University (March 2020)*
- Implemented interpreter for simple object-oriented language similar to Java that supports class inheritance and type-checking
- Designed syntax of language, developed lexical analyzer & parser, and created UI to enable user to run OOPLang programs and/or use interactive interpreter

NATE-QA, *CS 3110, Cornell University (March 2019)*
- Developed chatbot in OCaml that parses through corpus of 100+ Wikipedia articles to answer CS-related questions
- Utilized NLP/IR algorithms (TF-IDF, Jaccard, Cosine Similarity) to identify answer & provide suggestions to typos in user queries

Answers4All, *Hack4Impact (Feb 2018)*
- Empowered non-English speaking immigrants in Philadelphia through application that translates City of Philadelphia's governmental documents into user's native language and requests feedback for further document additions
- Created backend routes using Flask & Python, designed mockups in Sketch, & developed views in HTML/CSS

ACTIVITIES

Kleiner Perkins Fellows Program, *Engineering Fellow (June 2020 – Present)*
- Engineering Fellow in the Kleiner Perkins Fellows Program, which offers top students a chance to work within innovative startups
- Engaged in founder speaker series, entrepreneurial workshops, and community building events with other fellows & alumni

Hack4Impact, *Full-Stack Software Developer (Feb 2018 – Nov 2019)*
- Delivered web-driven solutions to social issues presented by non-profit organizations, utilizing Flask, Python, JS, & HTML/CSS
- Actively engaged in client meetings, designed mockups and database schema, and developed front end & back end components

Women in Computing at Cornell, *Vice President of Community (May 2019 – May 2020)*
- Fostered welcoming space for 2000+ WICC members through collaboration with CIS administration & other CIS student groups
- Managed team of 6 Community directors to organize 25+ discussions and host undergraduate & alumni mentorship programs

Cornell Sitara, *Captain & President (May 2019 – May 2020)*
- Led Cornell Sitara, Cornell's Bollywood fusion dance team of 30 dancers, and choreographed creative pieces to spread awareness of South Asian culture and strength Cornell's South Asian community

SKILLS

Full proficiency: JavaScript (React), Ruby (Ruby on Rails), Python, Java | **Intermediate proficiency:** C, C++