ELISABETH FINKEL

https://esfinkel.me
finkelelisabeth@gmail.com
esf76@cornell.edu

3037 Park Place
Evanston, IL 60201
(847) 636-8141

PROJECTS

Netprint Finder
Made a public website that displays the nearest printers accessible to Cornell students.
- Written in HTML and Javascript
- Available at https://esfinkel.me/netprint-finder

EDUCATION

Cornell University, College of Arts and Sciences, Ithaca, NY
Candidate for Bachelor of Arts in Computer Science, May 2021
Pauline and Irving Tanner Dean's Scholar   Dean's List (Fall 2017 through Spring 2019)
Cumulative G.P.A.: 3.93/4.0 as of Aug. 2019   4.0/4.0 in CS courses

Coursework

Data Structures and Functional Programming	Backend Development
Object-Oriented Programming	Natural Language Processing
Linear Algebra for Engineers	Introduction to Linguistics
Discrete Structures	Quantum Mechanics

SKILLS

- Computer proficiency: Python (SQLAlchemy and Flask), Java, HTML/Javascript, React, OCaml, C++
- Web services proficiency: Git, AWS (Amazon Web Services; Lambda, Serverless, S3)
- Human language proficiency: Spanish

EXPERIENCE

Junior Associate Software Engineer - Publicis Sapient   Summer 2019
Large consulting firm - Chicago
- Worked on a client project as the primary backend developer. Mocked up a mobile app with new functionality. Created a cloud-hosted API with a serverless architecture, external database access, and basic machine learning services.
- Performed market research in the retail industry. Scraped data from several online retailers in order to examine correlations and trends. Participated in the end-to-end development of a prototype template to personalize user experiences within e-commerce.

Teaching Assistant - Cornell University, Department of Computer Science   Spring 2019
Held office hours to assist students in learning concepts, best practices in coding, and problem-solving methods. Graded student work and helped design assignments.

Lead Backend Developer - CollabIT   Fall 2018
Developed an iOS app which aims to connect computer science students seeking collaborators. Created functionality for users to display their skills and past work, pitch project ideas, and search for other users and projects.

Student Researcher - Cornell Social Dynamics Lab   Fall 2017, Spring 2018
Researched gender disparities in physics and the social sciences by inspecting network structures and by examining the content of thousands of letters of recommendation. Wrote Python scripts to scrape Google Scholar entries, construct interpersonal networks, and perform textual analysis.

ACTIVITIES

Cornell Astronomical Society: Volunteered at Fuertes Observatory. Participated in weekly open houses. Set up telescopes and gave tours of the observatory and its museums and telescope rooms. Engaged in stargazing and astrophotography.

Cornell Symphony Orchestra: Timpanist and percussionist. Performed in Taiwan with the Taipei Symphony Orchestra.