

ELISABETH FINKEL

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PROJECTS

Netprint Finder is a public website that presents users on Cornell campus with a list of the nearest printers that they can access. Netprint Finder was written in HTML and Javascript and can be accessed at esfinkel.github.io/netprint-finder

A list of my recent projects is available at esfinkel.github.io/projects

EDUCATION

Cornell University, College of Arts and Sciences, Ithaca, NY

Candidate for Bachelor of Arts in Computer Science, May 2021

Cumulative G.P.A.: 3.93/4.0 as of Aug. 2019

4.0/4.0 in CS courses

Dean's List (Fall 2017 through Spring 2019)

Pauline and Irving Tanner Dean's Scholar

National Merit Scholar Finalist & Scholarship Recipient (Spring 2017)

Coursework

Discrete Structures (A)

Honors Introductory Physics Sequence (A)

Object-Oriented Programming and Data Structures (A)

Backend Development (N/A)

Linear Algebra for Engineers (A+)

SKILLS

- Computer proficiency: Python (Anaconda, terminal), Java (Eclipse), SQLAlchemy with SQLite, Flask, HTML/Javascript, React, Automator, Latex
- Web services proficiency: Git, Docker, Google Drive, Amazon Web Services (Lambda, Serverless framework, S3 storage)
- Human language proficiency: Spanish

EXPERIENCE

Junior Associate Software Engineer

Summer 2019

Publicis Sapient

Large consulting firm - Chicago, IL

Primary backend developer on a client project. The project involved mocking up a mobile app with new functionality; the backend featured a cloud-hosted API with a serverless architecture, external database access, and basic machine learning services.

Lead Backend Developer

Fall 2018

CollabIT

Lead backend developer for a small team developing an iOS app. The app aims to connect computer science students seeking collaborators; users have the ability to display their skills and past work, pitch project ideas, and search for other users and projects.

Student Researcher

Fall 2017, Spring 2018

Cornell Social Dynamics Lab

Worked in a computational sociology lab. 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.

Teaching Assistant

Spring 2019

Cornell University - Department of Computer Science

Undergraduate teaching assistant for "Introduction to Computing" course. Held office hours to assist students in learning concepts, best practices in coding, and problem-solving methods. Helped design assignments; graded student work.

ACTIVITIES

Cornell Astronomical Society: Student volunteer at Fuertes Observatory. Volunteers hold weekly open houses where they set up telescopes and give tours of the observatory and its museum.

Cornell Symphony Orchestra: Timpanist and general percussionist.