Elise Lee

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Education

Northwestern University • Master of Science in Computer Science
Evanston, IL • Expected Fall 2020 - Spring 2021

Northwestern University • Bachelor of Science in Computer Science
Evanston, IL • Fall 2017 - Spring 2020
- Cumulative GPA: **3.94/4.00** (Major GPA: **4.00/4.00**)
- Dean's List, Student Government Senator, IEEE Executive Board, BuildHer Executive Board

Experience

SevenRooms • Software Engineering Intern
New York City, NY • Summer 2019
- Managed start to end implementation of full-stack web email portal currently in use by 100% of company clients (using React, Redux, Python, Django, Google Datastore, and Google Cloud Platform).
- Rebuilt popular web page on core product from scratch to change UI and integrate new functionality.
- Developed and deployed four Amazon-funded product features to production for client use.

PayIt • Software Engineering Intern
Kansas City, MO • Summer 2018
- Created a web and mobile app with microservice distributed backend for the North Carolina DMV currently being used statewide; milestone project instrumental in raising $100M in next funding round.
- Allowed citizens to renew vehicles, register vehicles, and order personalized license plates on app through chat interface (using Java, React, React Native, MongoDB, Clojure, and AWS).
- Managed implementation of automated email and in-app vehicle registration receipts system with Java and Mailchimp/Mandrill Email API.

Pilly, LLC • CTO & Co-founder
Chicago, IL • Spring 2020 - Present
- Led architecture and development of a web and mobile platform that helps users compare and purchase affordable, generic drugs, as well as avoid risk through drug-drug interaction analysis.

Northwestern University • Computer Science Teaching Assistant
Evanston, IL • 2018 - Current
- Created and taught lessons in C, C++, and Racket (functional programming language like Scheme).
- Rehired six times by department for: *COMP_SCI 101, COMP_SCI 111 (2x), and COMP_SCI 211 (3x)*

Projects

Memento: Created a wearable facial recognition headpiece to help visually and memory-impaired users recognize other people with bone conduction technology for auditory output. Designed and implemented companion app that fetches new faces from AWS EC2 server (Google Glass, Python, React Native, MySQL).

Lofi-Labs (Team Lead): Led and tutored Agile team of four computer-science students in creating a React web application that allows users to customize and generate "lofi" music using neural nets.

News Crawler: Built a news search engine that crawls the web for news, able to scale up to millions of users (AWS Elastic Beanstalk, AWS S3 Cloud Service, Elasticsearch, Java, Maven, React).

VeNU: Developed an iOS and Android compatible mobile app that allows college students to discover popular events on campus, as well as create and share events (React Native, Google Maps API).

Skills

Proficient: Python, Java, JavaScript, HTML/CSS, React, React Native, SQL, MongoDB, Racket, NetLogo
Experience with: C, C++, Perl, Go, Node.js, Express, Django, Flask, Google Datastore, Elasticsearch
Tools: Amazon Web Services, Google Cloud Platform, Docker, Jenkins, CircleCI