

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.

Paylt • Software Engineering Intern

Kansas City, MO • Summer 2018

- Worked with an Agile team to develop a web and mobile app for the North Carolina DMV currently being used statewide. Allowed citizens to renew vehicles, register vehicles, and order personalized license plates on app through chat interface (using Java, React, React Native, Clojure, and MongoDB).
- Managed implementation of changes to email and in-app vehicle registration receipts system.
- Contributed over 100 commits to continuously-deployed code trusted by state governments.

Pilly • Tech Founder

Chicago, IL • Spring 2020 - Present

- Leading 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