



## EDUCATION

### University of Rochester | Hajim School of Engineering

CGPA: 3.90 / 4.00

Rochester, NY

• B.S. Computer Science | B.A. Business Studies

Aug 2018 – May 2022

• Relevant Coursework: Data Structures & Algorithms, Artificial Intelligence, Design & Analysis of Algorithms.

## SKILLS

- **Proficient:** JavaScript, Java, Node.js, React.js, Redux, MongoDB, Express.js, Adobe Photoshop.
- **Intermediate:** Git, EJS, Bootstrap, Python, C, SQL, C++, CSS, Adobe XD, HTML, RESTful API, GraphQL.
- **Beginner:** Flask, Django, Adobe Illustrator, Adobe InDesign, R, C#

## WORK EXPERIENCE

### Facebook – Software Engineering Intern

May 2021 – Aug 2021

- Shipped feature to create and manage geo territory presets on copyright ownership files (using React.js & GraphQL).
- Coordinated with design to improve the UX by preventing manual selection of geo territories on the copyright files.
- Implemented a Dashboard Efficiency Logger (using React.js and Flux) tracking interactions (clicks, keypresses).
- Successfully integrated the logger into 4 dashboards across teams, displaying reusability and extensibility.
- Created a dashboard to show logged data using graphs created by Scuba queries, providing user interaction insights.

### Bridge Burma – Full Stack Engineering Intern

June 2020 – May 2021

- Implemented a well-tested chatroom feature enabling smooth direct messaging between users using web sockets.
- Took initiative to produce effective product requirements through implementation using the MERN (MongoDB, Express, ReactJS, and Node.js) stack and socket.io, leading to a 20% increase in mentor, mentee matches.
- Collaborated effectively with both the tech and the design team to design, code, test, report, and debug operations.
- Increased communication between mentor and mentees by 50% through the chatroom as compared to email.
- Handled image/video attachments and compression using multer and AWS to optimize messages for better UX.

### University of Rochester – Teaching Assistant | Data Structures & Algorithm

Sep 2019 – May 2021

- Helped a class of 30 students gain a deeper understanding of concepts introduced in the lecture.
- Administered and graded weekly quizzes and proctored Midterms.
- Designed weekly material, lesson plans, and weekly homework assignments that averaged a 90% completion rate.

### Mont Rose College, London – Back-End Engineering Intern

June 2017 – Aug 2017

- Developed using CSS, HTML, jQuery, and JavaScript to enhance functionality and user experience on web pages
- Worked under the mentorship of senior full-stack developer and collaborated on the creation of a new MongoDB schema to increase overall efficiency and transparency.
- Edited existing code to improve browser compatibility and mobile responsiveness, decreasing bounce rate by 15.7%.
- Implemented authentication, OAuth, and Infinite scrolling for a better user experience on the platform.

## PROJECTS

### Chat-App – socket.io, Node.js, MongoDB, Express.js

- Built a chatting application for users to create their own rooms while having unique usernames.
- Added the feature to share location and send notifications whenever a new user joins or leaves.

### Secrets – Node.js, passport.js, Express.js, MongoDB

- Built an application where users could anonymously post their secrets enabling others to see in a common thread
- Implemented login using passport.js and added Google and Facebook login features using OAuth.

### Street Mapper – Java, Java Swing

- Built a GUI in Java to find the shortest path (using Dijkstra's algorithm) between two points on the real road network of the University of Rochester, Monroe County, and New York State.