

Jeremy Schur

jeremy.schur02@gmail.com | [linkedin.com/in/jeremyschur](https://www.linkedin.com/in/jeremyschur) | jeremyschur.com

EDUCATION

University of Colorado Boulder

August 2021 - May 2025

- Bachelor's of Science in Computer Science
- Minor in Computer Engineering
- Cumulative GPA: 3.71, Major GPA: 4.0
- Relevant Coursework: Software Development Methods and Tools, Embedded Software Engineering, Design and Analysis of Database Systems, Algorithms, Data Science and Probability, Artificial Intelligence, Computer Systems, Computer Organization, Robotics, and CyberSecurity.

WORK EXPERIENCE

Temple Beth-El - Assistant Teacher

August 2018 - May 2021

- Supported students individually and in small groups to reinforce learning concepts introduced by the lead teacher.
- Assisted in assessing student progress through observations, grading assignments, and maintaining records.
- Helped maintain a positive and orderly classroom environment by implementing classroom rules and routines, managing student behavior, and addressing conflicts.

ABC Kids Expo - Records Coordinator

May 2018 - July 2021 (Summers)

- Received and processed booking information from submissions by employees.
- Ensured accuracy and consistency of booking data across all platforms and records.
- Communicated effectively with employees to clarify and confirm booking details.

PROJECTS

Sentiment Analysis Dashboard | *PyTorch, Hugging Face, FastAPI, PostgreSQL, JavaScript, Docker*

- Developed a web-based dashboard to provide sentiment analysis on various courses within the MS CS Coursera program, aiding the product team in tracking student feedback.
- Aggregated data from both a student Slack workspace and the Coursera platform to monitor student sentiment, allowing the product team to identify which courses receive positive or negative feedback.
- Utilized PyTorch and Hugging Face for NLP-based sentiment analysis, FastAPI for backend API services, and PostgreSQL for data storage, with a fully containerized deployment using Docker.
- Designed a user-friendly frontend with HTML, CSS, and JavaScript, creating a seamless and visually informative interface for course feedback tracking, adaptable as new courses are added.

Rideshare Web App | *React.js, Tailwind CSS, Node.js, PostgreSQL, Mapbox, Docker, Socket.io*

- Built a full-stack web application to facilitate ridesharing for ski trips, helping users connect with friends or others heading to the same destination to reduce travel costs.
- Developed features for finding and adding friends, browsing friend and public trips, creating new trips, and real-time chatting within trip groups.
- Used React.js, Mapbox, and Tailwind CSS to design an intuitive, responsive frontend, enhancing user experience with interactive maps and route displays.
- Implemented a Node.js backend with PostgreSQL to manage trip data, user profiles, and friend connections.

Stats360 Web App | *React.ts, Tailwind CSS, Java Spring Boot, Docker*

- Developed a web application providing a centralized hub for tracking video game statistics, consolidating data across multiple sources for easy access.
- Built an interactive and responsive frontend using React TypeScript and Tailwind CSS, ensuring a seamless user experience.
- Designed a Spring Boot backend to handle data aggregation and API management, supporting quick retrieval of game statistics.

ADDITIONAL INFORMATION

Languages: Python, JavaScript/TypeScript, C/C++, Java, Scala, x86 Assembly, Verilog, RISC-V

Web Dev: HTML, CSS, Tailwind, React, Node.js, Spring Boot, Flask, Microsoft Azure

ML: PyTorch, Hugging Face

Databases: PostgreSQL, MySQL, MongoDB, Apache Cassandra

Other: Git, Jira, Docker, Pandas, NumPy, Figma, L^AT_EX