

Justin Rzepko

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EXPERIENCE

Google Software Engineering Program

Basta

February 2025 - May 2025, Remote

- Selected from a highly competitive applicant pool to participate in a 10-week pair programming and mentorship program with a Google Software Engineer, aimed at strengthening foundational coding skills, enhancing problem-solving abilities, and preparing for technical interviews.
- Participated in team-based coding challenges, strengthening communication and collaboration skills.
- Developed and optimized algorithms in Python to solve real-world coding problems.

Teacher's Assistant

Southern Connecticut State University

January 2025 - Present, New Haven, CT

- Evaluated and graded assignments, projects, and exams for undergraduate Computer Science courses with accuracy and attention to detail.
- Provided constructive feedback to students to support their understanding of course material and improve their coding and problem-solving skills.
- Maintained detailed records of student performance and submitted grades through the department's online system.
- Collaborated with course instructors to clarify grading criteria and ensure fair evaluation of student work.

Staff Manager

A.M. Club

April 2015 - Present, Derby, CT

- Managed scheduling, training, and coordination for a team of 10+ staff in a fast-paced service environment.

PROJECT

Request Management System

- Designed and implemented a full-stack request management system using **Flask** and **SQLite**, enabling employees to submit and track various types of requests with structured workflows.
- Developed and integrated dynamic request handling features, including multi-step approval workflows, comprehensive request history tracking, and secure user authentication with enforced password reset protocols.
- Designed and styled responsive, modern UI components using Jinja2 templating, Bootstrap Icons, and custom CSS for enhanced user experience across all roles.
- Integrated **Git version** control with collaborative workflows and deployed on a cloud-based development environment for real-time testing and production readiness.

Health Insights Data Research

- Processed and imputed missing values in life-expectancy datasets using **Python** and **R**, establishing consistent and reliable data foundations for research analysis.
- Built a linear regression predicting Life Expectancy from *People per TV* and *People per Doctor*.
- Applied statistical testing methodologies to healthcare datasets, uncovering trends related to gender longevity.
- Communicated findings with boxplots, histograms, scatterplots (with fit lines), and a polished PDF report.

EDUCATION

Bachelor of Science in Computer Science

Minor in Mathematics • Southern Connecticut State University • New Haven, CT • 2026

- Cumulative GPA: 4.0

SKILLS

Languages: Python, Java, R, Haskell

Frameworks & Tools: Django, Docker, PostgreSQL, Flask, Git, GitHub, AWS (ECS, S3), GCP

Concepts: OOP, Software Development Life Cycle, Data Structures & Algorithms
