

Eric Zazovsky

832-274-2673 | ezazovsky@gmail.com | [LinkedIn](#) | [Portfolio Website](#)

EDUCATION

University of Texas at Austin

Bachelor of Science in Computer Science, Bachelor of Science in Mathematics

Relevant Coursework: Data Structures, Computer Organization and Architecture, Operating Systems

Austin, TX

Expected May 2027

GPA: 3.73

TECHNICAL SKILLS

Languages: Java, Python3, C/C++, JavaScript, TypeScript HTML/CSS

Frameworks: React, Node.js, SpringBoot

Developer Tools: Git, Docker, Proxmox, Auvik, VMware, Google Cloud Platform, LightSail, AWS, Vercel

Libraries: pandas, NumPy, Matplotlib, PyTorch, Robomimic, Robosuite

EXPERIENCE

Thrive Education

November 2024 - Present

Full-Stack Software Engineering Intern

Houston, TX

- * Engineered and deployed a Patient Care Management (PCM) portal using **Next.js** and enabled real time user management for doctors at **3 separate clinics** to be able to service over **200 patients**.
- * Created **JSON Web Token** based authentication and authorization mechanisms within the backend to safeguard sensitive patient data.
- * Created backend **REST API** to communicate with and handle requests from the frontend PCM form and integrate them into the **SQL** database.
- * Utilized **Docker** for containerization of both frontend and backend applications, ensuring consistent deployment environments.

Olezka Global

April 2023 - Present

Network Security Engineer

Austin, TX

- * Collaborated with management to close one of Olezka's largest contracts (**over \$500k**) with the task of setting up and maintaining a hardware and cloud security system for a large warehouse.
- * Configured **Verkada cloud servers**, mounted and set up security cameras, and set up a local cell tower for the client in order to communicate with security systems.
- * Secured and managed IT infrastructure through network segmentation and monitoring.
- * Deployed an on-prem **ESXi server** with VMs supporting key operations such as digital signage, network monitoring, and security threat detection.

University of Texas at Austin

January 2024 - January 2025

Diffusion Policy Training Research

Austin, TX

- * Simulated and validated a **Diffusion Policy** reinforcement learning model using Robomimic and Robosuite, replicating Stanford study results.
- * Developed object recognition on a "Rethink Robotics" Sawyer robot by applying a Diffusion Policy training model.
- * Engineered **Python scripts** to collect and process Sawyer robot positional data and images into **HDF5**, subsequently converting ML model output to robot positional data.
- * Integrated a Sony mocopi 3D body tracking system into the TeleMoMa teleoperation system via custom Python scripts for simplified data collection.

PROJECTS

Full-Stack Marketing Website | TypeScript, Next.js, Python, Vercel, AWS, Spring Boot

July 2025

- Built responsive marketing website with a **TypeScript** based frontend using **Next.js** and hosted using **Vercel**.
- Developed a suite of **REST APIs** using **Spring Boot** to facilitate user contact and communication.
- Integrated the **Gmail API** to establish an automated system for relaying contact requests.
- Deployed Spring Boot backend to **AWS ECS** on **EC2** instances. [Link to Website](#)

AI News App | TypeScript, Next.js, Vercel, OpenRouter.AI

July 2025

- Developed a **Next.js** AI-powered news summarizer app with dynamic category filtering and React hooks for seamless user interaction.
- Integrated NewsAPI and **OpenRouter's Cypher Alpha model** via secure serverless API routes, managing environment variables for safe key storage.
- Deployed on **Vercel**, demonstrating expertise in full-stack API orchestration, asynchronous data handling, and **cloud-based app delivery**. [Link to App](#)

Classroom-Aid App | JavaScript, ReactJs

September 2024

- Developed a classroom management webapp for high school to allow teachers to easily manage their student roster during class and increase engagement through group creation, random student selection, and a point system.
- Created a robust and responsive UI using **ReactJs** which led to the app being used by **15 teachers** to manage **over 1000** students.
- Self-hosted the web app through **GitHub** in order to allow remote access to multiple users and provide the ability to roll out updates consistently.