

# Eric Zazovsky

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## EDUCATION

### University of Texas at Austin

Bachelor of Science in Computer Science

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

Austin, TX

Expected May 2027

GPA: 3.67

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, JavaScript, HTML/CSS

**Frameworks:** React, Node.js

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

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

## EXPERIENCE

### 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.

### Outlier AI

May 2024 - September 2024

G2i LLM Developer Consultant

Houston, TX

- \* Evaluated the quality of AI-generated code samples in **Python, Java, and C**, determining code quality and training the LLM by correcting the code and providing human-readable summaries of rationale.
- \* Trained LLM to avoid weaknesses examining code, creating Python projects, and writing detailed reports of LLM adjustments.
- \* Interacted with a team of over **200 people** and coordinated work between the members.

### University of Texas at Austin

January 2024 - January 2025

Diffusion Policy Training Research

Austin, TX

- \* Using **Robomimic** and **Robosuite**, simulated a **Diffusion Policy** reinforcement learning model proposed by Stanford recreating similar results found in their study.
- \* Applied the Diffusion Policy training model on a live "**Rethink Robotics**" **Sawyer robot** develop object recognition.
- \* Collected live demonstration data on the Sawyer robot by creating a Python script that would record the robot's positional data as well as a set of images taken at consistent intervals into an HDF5 file.
- \* Created a Python script that would run the data from the HDF5 file through the reinforcement learning diffusion policy model and convert the output of the **ML model** into positional data for the robot.
- \* Created custom **Python** script to integrate **Sony mocopi 3D body tracking system** into the **TeleMoMa** teleoperation system in order to create a simplified data collection alternative that will actually be used by current researchers.

### Fix LLC

June 2022 - August 2022

Network Operations Contractor

Houston, TX

- \* Built a company website hosted in AWS **Lightsail with Cloudflare CDN and DNS**.
- \* Used VPN to perform internal security discovery/audit on disjointed company networks (**6 multi-vendor routers / APs / SSIDs**) with the goal of consolidating the networks, maintaining compatibility with legacy devices that only support 802.11b/802.11g.
- \* Segmented the network into Secure/Confidential, Private, Public, and DMZ zones with the goal of security.
- \* Routed, terminated, and installed Cat-8 cable inside customer premises, routing cables from the network terminal device to customer switches and network hubs.

## PROJECTS

### 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.