

# ALANA TORREZ

alana.torrez@gmail.com | linkedin.com/in/alana-torrez/ | gitlab.com/PenaltyPylon  
Austin, TX

## TECHNICAL SKILLS

**Programming** - Python 3, Javascript, SQL

**System Design** - Monoliths, Microservices, Domain-driven design

**Back-End** - PostgreSQL, MongoDB, Django, FastAPI

**Front-End** - React, DOM manipulation, HTML 5, CSS, Bootstrap, Tailwind

## APPLICATION DEVELOPMENT EXPERIENCE

**Vibe Check** – Developer– <https://gitlab.com/vibe-check/vibe-check> – FastAPI, React, Tailwind, MongoDB 2023

*A social hub where users create and share ‘vibes’ that capture a moment through playlists and pics*

- Designed a responsive card component using **React** that dynamically populates attributes on the frontend.
- Created List Vibes page using React and **Tailwind** that allows users to filter vibes according to mood.

**CarCar** – Developer– [gitlab.com/PenaltyPylon/alana-project-beta](https://gitlab.com/PenaltyPylon/alana-project-beta) – Django, React, Bootstrap 2023

*A dealership management application featuring service, inventory, and sales microservices*

- Built out **Django** restful API architecture to enable http communication between microservices and **PostgreSQL** database.
- Created **React** forms that allowed service employees to set appointments and add new technicians.
- Implemented a service history with a filter for service employees to search appointments by car vin.

## PROFESSIONAL EXPERIENCE

**Austin Community College** – *Student Services Assistant*

- Created a student check-in system that saved ACC Student Services \$5,000 in software licensing costs by repurposing technology the tutoring center already had access to.
- Protected 2,000+ students’ personal identifiable information (PII) by building the security and access control for the lab’s student check-in system.
- Resolved 1,000+ student tickets each semester, which ranked in the top 10% of ticket resolution rates among ACC Student Service Assistants.

**United States Air Force** - *Russian Cryptologic Linguist*

- Provided over 5000+ hours of threat warning and actionable intelligence to customers by monitoring complex audio sources.
- Guarded mission security by maintaining a top secret security clearance through closely adhering to best practices for classified information handling.
- Contributed to mission knowledge through daily written updates of technical records.

## EDUCATION

**Hack Reactor** - *Software Engineering Immersive*

Dec 2022

**Texas State University, San Marcos, TX** - *MFA in Poetry*

Dec 2018

**Texas State University, San Marcos, TX** - *BA in Anthropology*

Sep 2011