# **Taylor Perry**

yrreprolyat@gmail.com | github.com/yrreprolyat | yrreprolyat.com

#### **EDUCATION**

#### Texas State University

San Marcos, Texas

Bachelor of Science, Computer Science

Aug 2019 - June 2021

 Relevant Courses: Data Mining, Data Structures, Database Systems, Linear Algebra, Machine Learning and Pattern Recognition, Software Engineering

#### Austin Community College

Austin, Texas Jan 2017 - May 2019

Associate of Science, Computer Science

## WORK

## Visual Question Answering

Python, PyTorch

 Multi-modal question answering for open-ended questions that integrates deep residual networks for image feature extraction and bidirectional LSTM for natural language feature extraction.

## • Mobile Rideshare App

Node.js, PostgreSQL, Google API, TypeScript

o A fullstack rideshare app built with React Native, PostgreSQL, and TypeScript.

## **EXPERIENCE**

• Traces of Texas Austin, Texas

Software Engineer Intern

May 2020 - August 2020

- Built Python-based ETL pipeline to extract data on Luigi-scheduled basis, utilizing Scikit-learn, Pandas, and NumPy.
- Created SQL Runner jobs to load data into PostgreSQL database.
- Built a logistic regression model to search for target keywords which resulted in 14% increase in post interactions.

## East Side Collective

Austin, Texas

Studio Manager

May 2016 - June 2019

- Created and implemented deadlines, project goals, expectations and workflows, to ensure a smooth process with on-time delivery.
- Created attractive and effective marketing campaigns for the studio.
- o Managed all aspects of the budget for the studio, along with financial tracking and controls.

#### El Ranchito

Austin, Texas

Conservation Corps. Crew Leader

June-July 2018 / 2019

- Trained and led Corps members through safety talks, tool preparation and conservation projects.
- Served as a healthy role model for Corps members; provide insight, direction, nurture and support.
- Cultivated effective working relationships with staff, volunteers and camp participants.

# **SKILLS AND INTERESTS**

Programming: Python, Java, C++, SQL

Databases: MySQL, MongoDB, PostgreSQL

• **Technologies:** PyTorch, TensorFlow, Git, Scikit-learn

Interests: Conservation, Data Science, Hiking