

As a Programming and Computation minor at the University of Texas graduating in December of 2025, I am eager to step into this field to work with a team of creative thinkers to make helpful software and/or applications that help people’s day to day needs.

EDUCATION

Bachelor of Science in Education – Programming and Computation

The University of Texas at Austin

GPA 3.75 | Dean's List Fall 2021, 2022, 2023, 2024, Spring 2021, 2023 | Expected Graduation December 2025

SKILLS

- + Python, C, C++, Java, HTML, Swift
 - + Mobile design
 - + Object-oriented programming
- + Mongo DB, SQL, Neo4j
 - + Personal interaction
 - + Teamwork

CLASSES

Elements of Mobile Design

- Gained a comprehensive understanding of mobile computing and the unique challenges of developing for mobile devices
- Developed diverse iOS applications using Xcode and Swift programming language
- Explored key mobile technologies such as camera integration, networking, motion sensors, location services, gestures, and data storage
- Enhanced user interface design skills for mobile apps, focusing on usability and functionality

Elements of Databases

- Gained hands-on experience in database design and management using Google Cloud Platform and various database technologies, including MySQL, PostgreSQL, MongoDB, and Neo4j.
- Developed skills in data processing, querying relational and NoSQL databases, and working with big data tools like BigQuery and Firestore
- Applied best practices in database management, including data modeling, transactions, and querying multiple tables
- Explored emerging database technologies and gained practical experience with Jupyter Notebooks and Looker Studio for data visualization and analysis

Elements of Software Design

- Developed proficiency in Java programming, including algorithm design, problem decomposition, and debugging techniques
- Implemented solutions to non-trivial problems using data types, variables, control structures (loops, decisions), and arrays
- Gained hands-on experience with object-oriented programming, including creating and working with classes and objects
- Applied knowledge of file handling and 2D arrays to solve real-world computational problems

PROJECTS

Cabo Bobs Burrito App

- Made an app through Xcode and written in swift that works to create a profile, select the location you want to order from, make your order and submit it to the restaurant. Through this app I learned firebase and how to create accounts through a server.

WORK EXPERIENCE

Bartender

Cain and Abels – Austin, TX

- Supported event, setup, vendor management, and execution, demonstrating strong teamwork skills.
- Handled various challenging situations, demonstrating the ability to assess and manage risks and uncertainties.

July 2024 - present

Server

Pluckers – Austin, TX

- Provided excellent customer service by efficiently taking orders, delivering food, and ensuring a positive dining experience for guests.
- Managed multiple tables simultaneously, maintaining a high level of attention to detail, communication, and teamwork in a fast-paced environment.

Spring 2023

Zip Line Tour Guide

Lake Travis – Austin, TX

- Led groups of visitors on zipline tours, ensuring safety, providing clear instructions, and enhancing the experience with engaging commentary on local wildlife.
- Gained great teamwork skills through working with a different employee every tour.

Summer 2020, 2021, 2022, 2023