

Cameron M. Armijo

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EDUCATION

Baylor University

Waco, Texas

B.S. in Computer Science

Expected Graduation, May 2025

- **Relevant Coursework:** Data Structures, Algorithms, Software Engineering, Databases, Systems Programming

EXPERIENCE

Baylor University AI Labs | Python | PyTorch | Pandas

Waco, Texas

Undergraduate Research Assistant

Mar 2024 – May 2024

- Assisted in utilizing **AI-Assisted** Pattern Discovery to detect stolen car parts from online marketplaces
- Used **PyTorch** to inspect ML models and obtain over **75,000** embeddings to indicate patterns of interest
- Utilized the **ViT-Base** vision transformer model to process thousands of images found in Craigslist's posts to ultimately produce a document **clustering** images of different car parts
- Drafted a blog post on **baylor.ai** delivering research results and a step-by-step description of each process

Headstarter AI | ReactJS | AWS | Firebase

Remote

Software Engineering Fellow

July 2024 – Present

- Build 5 innovative AI projects leveraging **AWS**, **React**, and **Firebase** to solve real-world problems
- Implement **scalable** and **secure cloud solutions** using AWS services, including **Lambda** and **EC2**
- Final project aimed at acquiring **1,000 users** or generating **\$1,000 in revenue** for the platform, demonstrating the **practical application** and **market viability** of the developed solution

PROJECTS

Study Buddy App | ReactJS | Spring Boot | MySQL | Google Cloud Platform

Jan 2024 – May 2024

<http://34.16.169.60:3000/>

- Collaborated on a **full-stack** web application for creating meetups and connections between students and tutors
- Developed a dynamic frontend with **ReactJS** and a robust backend with Spring Boot, deployed with **Google Cloud**
- Designed the **meetup functionality** so that users can create and invite other users to their meetup complete with notifications using web sockets and an **invite system**
- Authored the **profile functionality** so that users can select a profile picture, write a brief description, and select the courses they are enrolled in

Student Study App | ReactJS | Spring Boot | PostgreSQL

May 2024 – July 2024

<https://github.com/cama0000/schoolapp>

- Developed a **full-stack** web application for students to manage coursework and utilize rich text notetaking
- Implemented a **RESTful API** with **Spring Boot** for backend services along with **Spring Security** for **user authentication**
- Designed a dynamic frontend with **ReactJS**, with the ability to mark tasks as complete and search through notebooks

MLB Stats Viewer | Python | Flask | HTML | CSS | MySQL

Mar 2024 – May 2024

<https://github.com/andrewhamara/ruth>

- Collaborated on a **web application** to view the stats of **MLB teams** as well as each players **lifetime stats**
- Utilized **scripts** to add data from the Sean Lahman **MLB database** for displaying stats
- Implemented a **search API** for searching up players and displaying the most recent **relevant articles**
- Engineered an **image classifier** allowing it to make a guess on whether an image contains Babe Ruth or not

SKILLS

Languages: Java, JavaScript, C, C++, Python, HTML, CSS, SQL

Frameworks: ReactJS, NextJS, Spring Boot, PyTorch, Flask

Tools: IntelliJ, Visual Studio Code, Bash, Git, Docker, Postman