

Dexter White

Computer Science Major at Texas A&M | Plano, TX 75093

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Objective: To utilize data structures and algorithms knowledge, skills learned from projects and classwork, and communication and team collaboration abilities as a software engineer for this position.

Work Experience

- **Software Engineering Intern, VISA; Austin, Texas: May 2022 - August 2022**
 - Implemented a Spring Boot application dependency mapping service for 130+ internal applications
 - Established and continuously utilized a new relational database table for the dependency mappings
 - Incorporated the service's data onto an internal ReactJS application using Redux, expediting the process of debugging potential unhealthy for other developers
 - Utilized Redux and another service to display accountability information on the same ReactJS site
 - Delivered project features using enterprise-level Git and Jira (Agile) practices and procedures
- **Teaching Assistant, Texas A&M University; College Station, Texas: September 2021 - Present**
 - Lead 30 students in my lab section through C++ programming assignments each week
 - Hold office hours for several hours a week, helping students work through and debug code, better understand discrete math, and assisting them with basic algorithm knowledge

Skills

- **Languages:** C++, Java, Python, HTML, CSS, JavaScript, SQL
- **Other:** Unix, Git, Spring Boot, ReactJS, MS SQL Server, PostgreSQL, Python Flask, gRPC, Node.js, Agile

Education

- **B.S. in Computer Science with Minor in Cybersecurity, Texas A&M University; College Station, Texas: August 2019 - May 2023**
 - GPA: 3.92/4.00, Favorite Classes: Programming Studio, Distributed Systems
- **High School Diploma, Plano West Senior High School; Plano, Texas: 2017 - 2019**
 - GPA: 4.19, National Hispanic Scholar, National Honor Society, Varsity Wrestling

Projects

- **My portfolio:** <https://people.tamu.edu/~dexterwwhite/portfolio.html>
- **Nutritist, Front-end:** <https://github.tamu.edu/santoshnibirlangi/nutritist>
 - Nutrition website, built with HTML, Bootstrap, CSS, JavaScript, Python Flask, PostgreSQL. Utilized 3 APIs to track user's foods, nutrients, and recommend recipes.
 - Incorporated UI/UX techniques for formatting and functionality of tracking, recipe, and home pages
 - Contributed greatly to frontend integration of API and database I/O
- **eyeTrain, Pygame interface:** <https://devpost.com/software/eyetrain>
 - Eye-tracking rhythm game for TAMUhack 2021 hackathon, won second place.
 - Implemented the pygame interface of the game (collisions, music, and synchronization)

Extracurriculars/Service

- **Aggie Miracle Committee Member and Director, October 2020 - Present:**
 - Work with my committee for recruitment, set up, and logistics for our big event, AggieThon.
 - Personally raised over \$500 for McLane Children's Medical Center in Temple, Texas
- **Aggie Web Developers Member, August 2021 - December 2021:**
 - Practiced web-development techniques in projects with other members each meeting