

Dexter White

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

Work Experience

- **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, teaching and helping students understand C++, discrete math, and basic algorithms knowledge

Education

- **B.S. in Computer Science, Texas A&M University; College Station, Texas: August 2019 - May 2023**
 - GPA: 3.905, 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

Skills

- **Languages:** C++, Java, Python, HTML, CSS, JavaScript, SQL, Haskell
- **Technologies:** Git, Unix, PostgreSQL, Python Flask, Django, REST Framework, ReactJS, AWS Cloud9, gRPC, Sockets, Node.js, Swing, LaTeX, MS Word, MS Excel
- **Other:** Agile, Waterfall, Data structures/algorithms, team collaboration, communication

Projects

- **My portfolio:** <https://people.tamu.edu/~dexterwwhite/portfolio.html>
- **Nutritist, Front-end:** <http://nutritist.org/>, <https://github.com/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.
 - Used Agile in 5 person team over the course of 1.5 months to build this
- **Personal Website:** <https://people.tamu.edu/~dexterwwhite/>, <https://github.com/dexterwwhite/MyWebsite>
 - Built with HTML, CSS, JavaScript, and Bootstrap.
- **eyeTrain, Pygame interface:** <https://devpost.com/software/eyetrain>
 - Eye-tracking rhythm game for TAMUhack 2021 hackathon, won second place. Built with Python, Pygame, openCV, and dlib as well as the gaze_tracking library.
- **Content Streaming Service GUI:** https://github.com/wyattsmith/CSCE315_Project2
 - Built with Java, Swing, and PostgreSQL. Recommends content based on watch history.

Extracurriculars/Service

- **Aggie Miracle Committee Member, October 2020 - Present:**
 - Work with my committee for recruitment, set up, and logistics for our event, AggieThon.
 - Have personally raised over \$450 for McLane Children's Medical Center in Temple, Texas
- **Aggie Web Developers Member, August 2021 - December 2021:**
 - Once a week, worked on small Node.js projects with other members