

Education

Name

Grant Oxford

School

Texas A&M University

Email

grantwoxford@gmail.com

Major

Bachelor of Arts in Computing

Department

Computer Science and Engineering

Concentration Area

Philosophy

GitHub

github.com/gnart-gnart

Website

grantoxford.com

Work Experience

Software Developer Intern

@ Paycom, Summer 2024

- Implemented REST API
- Developed mobile app (iOS)
- Followed agile project management philosophy
- Created HTTP requests/responses
- Tested app w/ automated regression tests
- Networked with mentors and engineers
- Studied clean code principles

Front End Developer Intern

@ Texas A&M, Summer 2023

- Coded a full stack web app
- Adapted math problems into full stack interactions
- Solved calculus questions
- Managed changes with Git
- Designed 3D models and other visuals

Projects

Roster Royals Sports Betting App

- Deployed web app to the cloud
- Designed REST API from ground up
- Hosted app on a custom domain
- Resolved team challenges (ask me about it!)
- Worked as a product manager
- Solved a real-world problem

Real Time 3D Shadow and Lighting Rendering Engine

- Utilized low-level APIs like OpenGL to work directly with hardware
- Ran C++ directly on the GPU

Full Stack Restaurant POS

- Developed a point of sales system
- Applied agile principles
- Assigned features user story points
- Organized individual contributions using GitHub branches
- Worked on a team with project manager

Augmented Reality Mobile Video Game

- Developed an AR mobile app (Android)
- Coded in a game engine environment
- Implemented GPS tracking and object recognition

Skills

Technical Skills

C/C++, Linux/UNIX, Windows, MacOS, Docker, AWS, DigitalOcean, Cloud Computing, git/GitHub, Java, HTML, Agile, Waterfall, React, JavaScript, HTML, CSS, Swift, Xcode, VSCode, Node.js, NPM, Unity, C#, Python, OpenGL, SQL, Assembly, object-oriented programming

Soft skills

Effective communication, problem-solving, adaptability, creativity, time management, empathy, open-mindedness, willingness to learn, emotional intelligence, patience, and self-motivation, philosophical reasoning, conflict resolution, confidence, curiosity, leadership, product management, project management

Awards

President's Endowed Scholarship

Achieved the most prestigious scholarship at Texas A&M University.