Dallas Coggins

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SUMMARY

Software engineer with expertise in C++, Python, JavaScript, and Ruby. Experienced in backend and full-stack web development, Agile practices, and scalable system design. Passionate about building clean, efficient, and impactful software solutions.

EDUCATION

Texas A&M University College Station, TX
B.S. in Computer Science, Minor in Cybersecurity & Game Development *Aug 2021 – May 2025*
GPA: 3.94/4.0

EXPERIENCE

Software Developer Nov 2023 – Present
LIVE Lab, Texas A&M University *College Station, TX*
- Built interactive applications using C++ and Unreal Engine in an Agile environment.
- Developed multiplayer networking features and optimized performance for large-scale projects.

Software Engineer Jan 2024 – May 2024
TeamUp: Apps for Good *College Station, TX*
- Built and deployed a CRM web application for nonprofits using Ruby on Rails, PostgreSQL, and React.
- Led frontend-backend integration and CI/CD workflows using GitHub Actions.
- Collaborated in Agile sprints, rotating across developer, analyst, and tester roles.

PROJECTS

Ally Suite CRM Module | *Ruby on Rails, React, PostgreSQL* Jan 2024 – May 2024
- Developed customer management and communication tracking features in a nonprofit CRM tool.
- Implemented secure authentication, modular design, and automated testing pipelines.

Harvest Coffee Bar Web App | *JavaScript, React, PostgreSQL, Express.js* Oct 2023 – Dec 2023
- Built a full-stack web app with a REST API, handling user auth and dynamic content.
- Served as Scrum Master in a 4-person Agile team.

OpenGL Raytracer | *C++, OpenGL* Nov 2023 – Dec 2023
- Built a custom raytracer supporting motion blur, anti-aliasing, and area lights.

LEADERSHIP

Texas Aggie Game Developers | *Treasurer* Aug 2022 – Jul 2024
- Conducted workshops on game dev and managed budgeting for a 100+ member org.

Aggie Society for Anime and Manga Art | *Meeting Officer* Dec 2023 – Present
- Led weekly events and managed logistics for club programming.

TECHNICAL SKILLS

Languages: C++, Python, Java, JavaScript, Ruby, HTML/CSS
Frameworks: Rails, Flask, FastAPI, Express.js
Libraries: React, OpenGL
Tools: Git, Docker, GCP, AWS Amplify, VS Code, GitHub Actions
Databases: PostgreSQL, MySQL, MongoDB
Other: Agile, CI/CD, Full-Stack Development, Networking