Sam Cole

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https://www.linkedin.com/in/samdcole48/ | https://samdcole48.github.io/portfolio/

Education

Pursuing BS in Computer Science | Expected Graduation May 2025 | Texas A&M University College Station, Texas
- Major GPA: 4.0 | General GPA: 3.965

High School Diploma | May 2021 | Rouse High School Leander, Texas

Relevant Experience

Software Development Intern | May 2024-July 2024 | Labatt Food Service San Antonio, Texas
- Overhauled existing short dated receiving process using automation and streamlining. This improved process affects approximately 110 pallets every day in the San Antonio warehouse alone.
- Met with clients to gather feedback and implement changes that improved customer satisfaction.
- Presented the revamped process and new tools to the executive board, leading to approval of live testing.
- Engineered new tools using Vue, Vuetify, Typescript, .NET Framework and C#.

Firmware Engineering Intern | May 2023-August 2023 | Analog Devices San Jose, California
- Implemented a new automated firmware testing system using Python scripts, Jenkins, and FPGA boards.
- Presented project findings at an international firmware conference, receiving positive feedback from industry experts.
- Wrote production code for MAX77779, a custom fuel gauge part for the Google Pixel phone series.

Lead Deployment Tech | December 2022-January 2023 | GTS Technology Solutions Austin, Texas
- Managed a team who Installed over 800 document cameras in live Georgetown ISD classrooms.

Logistics Intern | December 2021-July 2022 | Northpoint Church Cedar Park, Texas

- Organized and executed large scale community events with over 4,000 participants and 600 volunteers.

Relevant Projects

TAMU Black Law Student Association Alumni Tracker | CSCE 431 project
- Led an agile team as both product owner and full stack developer, collaborating directly with a real customer to deliver a tailored software solution.
- Mastered the skill of converting customer requests into actionable technical stories, ensuring alignment between the customer's needs and the development team's work.
- Released a product that exceeded customer expectations.
- Designed, created, and deployed a web app using Ruby on Rails, Tailwind CSS, and PostgreSQL.

Mess Waffles Point Of Sales System | CSCE 315 project
- Served as lead backend developer, designing and developing the API as well as structuring the database.
- Served as a frontend developer, creating an additional customer interface outside of the project's rubric, which significantly enhanced the project's functionality and increased our customer's satisfaction.
- Designed and developed a web app using Express, PostgreSQL, React and Typescript.

Personal Portfolio Website | https://samdcole48.github.io/portfolio/ | Personal Growth Project
- Created a showcase of my skills, projects, and experience using Vue.js and Vuetify

Space Travelers | howdyhack 24-hour hackathon
- Created a fully functional and entertaining video game using Python and the Pygame library.

Relevant Skills

- Strong Communicator
- Confident Presenter
- Creative Problem Solving
- Thoughtful Leader
- Hard Worker
- Great Listener
- Customer Relationships
- Agile Project Management

- Web Development
- HTML & CSS
- Vue.js
- React
- Ruby on Rails
- TypeScript
- JavaScript
- Express.js

- Python
- C#
- .NET Framework
- SQL
- C/C++
- Java
- Git
- TDD & CI/CD

Leadership

President | Texas A&M Roundnet Club | 2 years
Product Owner | BLSA Alumni Tracker | 1 semester
General Officer | Texas A&M Roundnet Club | 1 year

Extracurricular

Texas A&M Roundnet Club | 4 years
Aggie Coding Club | 3 years
Texas A&M Pickleball Club | 2 years