

Robert "Trey" Sturman

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<https://twofishsticks.github.io/> - <https://www.linkedin.com/in/trey-sturman/>

Skills

Fluent/High Knowledge

Golang, Java, C++, GitHub, Windows, Computer Science, AI, Machine Learning, Software Design, CRUD programs, Test-Driven Development

Knowledgeable/Medium Knowledge

C, Python, AWS, UNIX/LINUX, TensorFlow, PyTorch, Prolog, 3-D Modeling (such as Inventor Autodesk), SCRUM, Agile, Webhosting, Leadership, Team Player, Customer Service

Experienced/Some Knowledge

R, Haskell, Assembly, Excel

Education

University of South Carolina - Bachelors in Computer Science, Minor in Mathematics

Dean's List – 3 times 3.39 GPA (FINAL)

Aug 2020 - May 2023 (Graduated)

Major Projects

All projects are available to view through my GitHub: <https://github.com/TwoFishsticks>

Capstone Project – GoMap – (Aug 2022-May 2023)

<https://sccapstone.github.io/BitCrunch/>

I led my Capstone team through two semesters worth of designing, creating, testing, and hosting GoMap. GoMap is my idea, stemming primarily from some problems I saw during my internship at CCSD. It's made to help technicians with little/no experience using console commands use console commands. GoMap is designed to be hosted on an intranet and is made in Go.

Software Design Project – Console LinkedIn – (Oct – Dec 2021)

This was my very first team-project. In a group of four, we created essentially a console-only, dumbed down, LinkedIn copy. Users are able to sign into different levels of account (student, teacher, employer, and administrator), either create or apply for positions, and update/see student's "resumes" that they create within the program.

Mobile Applications Final – DVD Screensaver – (April 2023)

This project was my first foray into mobile applications development without the help of a professor or an assignment guiding me through. Just like that classic DVD screensaver, the app sets the background of the phone to. The app creates a canvas for the DVD logo to bounce on, asks the phone to set that background, and allows the user to customize how fast the logo moves. Very fun project and got me learning about Kotlin and mobile applications.

Experience

Charleston County School District – IT Intern

(May 2022 – Aug 2022)

As an IT intern, I was served the whole platter of IT day-to-day issues, from Managing server rooms (both physically and through the network), testing and wiring ethernet cables, setting computers onto their school's domain, exemplary customer service, setting up and fixing major events, probing the district's firewall for fallacies (and sometimes overprotection!); the list goes on and on!