

Matthew Finley

matt@matthewfinley.dev ❖ (919) 244-8574 ❖ github.com/m-fin ❖ linkedin.com/in/m-fin

EDUCATION

University of North Carolina at Chapel Hill

May 2023

Bachelor of Science in Computer Science, Music Minor

Chapel Hill, NC

Relevant Coursework: Foundations of Programming, Data Structures (enrolling in spring)

Campus Involvement: Carolina Analytics & Data Science Club (Web Development Chair), Carolina Tech Explorers, Marathon Team, Jazz Ensemble

SKILLS

Skills: Proficient in Python, Java, and HTML/CSS Web Development; Familiar in Swift, C, and SQL

Technologies: Flask, iOS, Git, and Unix

EXPERIENCE

Google CS First Club | Founder and Volunteer

- Founded a Google CS First club to teach ~25 middle schoolers Computer Science with Scratch
- Recruited others to help run the club and it runs to this day

Boy Scouts of America | Eagle Scout

- Led 8 scouts in a service project at the Western Wake Crisis Ministry food pantry to renovate 125 shelves in order to meet new safety regulations
- Held 5 leadership positions: Quartermaster, Scribe, Patrol Leader (x2), Assistant Patrol Leader
- Countless volunteer projects in the community including assembling and delivering luminary kits, building art easels for a school, renovating a garden, and building a walkway for a church

PROJECTS

Nomadr | CS50x Final Project

- Created an interactive web map that locates safe places to work, sleep, and shower on the road with community generated locations
- HTML/CSS/JavaScript/Bootstrap front end
- Backend made in Python using Flask framework to dynamically generate webpages
- SQLite3 database to track user registration and datapoints

VEWI: Virtual Electronic Wind Instrument | Personal Project

- Created an iOS app that lets you use your phone to play music using standard woodwind fingerings
- Coded in Swift using Xcode, utilizing AudioKit framework