

Matthew Finley

matt@matthewfinley.dev ❖ (919) 244-8574 ❖ github.com/m-fin ❖ Cary, NC

PROJECTS & EXPERIENCE

Boy Scouts of America (Eagle Scout)

- Scout for over ten years, from 1st-12th grade.
- Held five leadership positions in the troop: Quartermaster, Scribe, Patrol Leader (x2), Assistant Patrol Leader
- Led a service project at the Western Wake Crisis Ministry, a food pantry in Apex, renovating the shelves to meet new safety regulations.
- Countless hours volunteering in the community. Some projects include assembling and delivering luminary kits for the holidays, building art easels for a local school, renovating garden at former middle school, and clearing a walkway for a nearby church.

Google CS First Club Founder and Volunteer

- With one of the teachers at my former middle school, I helped start the Google CS First club to teach middle schoolers Computer Science with Scratch
- Recruited others to help run the club and it's still running today

CS50x Final Project: Nomadr

- 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
- SQLite3 database to keep track of users and location points

VEWI: Virtual Electronic Wind Instrument

- Inspired by the AKAI EWI, VEWI is an iOS app that lets you use your phone to play music using standard woodwind fingerings
- Coded in Swift using Xcode

EDUCATION

University of North Carolina at Chapel Hill

Computer Science B.S.

Music Minor

2023

Chapel Hill, NC

RELEVANT COURSEWORK

- COMP 401: Foundation of Programming
 - Currently enrolled
- CS50x: Introduction to Computer Science
 - Harvard University online course
 - Languages include C, Python, SQL, and JavaScript plus HTML/CSS
- AP Computer Science

SKILLS & INTERESTS

- **Skills:** Python; Java; Swift/iOS Development; HTML/CSS/JS Web Development; SQL
- **Interests:** jazz; programming; running; reading; traveling; nature