

# Cole Whaley

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Portfolio: <https://colewhaley1.github.io/portfolio/>

GitHub: <https://github.com/ColeWhaley1> — <https://github.com/cwhaley9>

LinkedIn: <https://www.linkedin.com/in/cole-whaley-93b2b01b1/>

*Seeking a Software Engineering Position*

## Experience

### Flexie Inc. — Full-Stack Software Engineer

May 2024 - present

- Led an international tech team of 3 developers on a weekly basis to run on a velocity of 10+ points per sprint (a 50% increase since I began at Flexie)
- Developed APIs in Typescript to enhance job seekers' profiles in the Flexie mobile app.
- Using Jest, refactored legacy APIs and developed new ones, achieving 100% test coverage and resolving existing bugs.
- Used SQL to create complex PostgreSQL database queries utilized by services through pgPool.
- Used React, NextJS, and Tailwind to implement an authorization app.
- Implemented comprehensive logging and monitoring within the codebase using Firebase, significantly reducing errors and improving overall app reliability and a 98% crash-free rate.

### Carolina East Medical Center — Computer Tech Assistant

May 2022 - Aug 2023

- Reduced data entry time by 98% through the implementation of a VBA macro/algorithm. Reduced the time taken each month from 3-4 hours to just under a minute
- Assisted in issues around the Carolina East campus such as improving telemetry system accuracy, aided executives with online meeting software (Zoom, Teams, Webex), and surveyed on/off-site server rooms.
- Provided analysis of Emergency Room inefficiencies -- used VBA to provide analytics regarding areas of improvement involving patient health.

## Education

### UNC, Chapel Hill — Senior — 3.22 GPA — Studying Computer Science

Scholarships: Glasgow Scholarship for Engineering

Aug 2022 - present

### UNC, Charlotte — 3.9 GPA — Studying Computer Science

Scholarships: Glasgow Scholarship for Engineering, Duke Energy Scholarship, Honors Program

Aug 2021 - May 2022

## Awards

- HackNC - Capital One Financial Category - 1st place

AI-powered investment portfolio creator. Uses gemini API and filtering algorithms to suggest a portfolio of stocks and investment amount custom-tailored to your risk averseness, timeframe, and interests.

## Projects

- OutWork — Flutter, Firebase — *Personal Project*

Create workouts and add them to your schedule. View your upcoming/past workouts.

- Dessert Oasis — Swift, Xcode — *Personal project*

iOS application which uses <https://www.themealdb.com/api.php> to provide global dessert ideas, recipes, and ingredients.

- Lyft Back-end Engineering Job Simulation — Python — *Personal Project*

Took over development of an unfinished project for the Lyft Rentals team. Drafted a UML class diagram representing a new reorganized architecture. Refactored messy codebase. Implemented unit tests and added new functionality using TDD.

## Skills

Languages: Javascript/Typescript, SQL, Python, Swift

Web: HTML, CSS, Angular

Mobile: Flutter, Xcode

Tools: Git, Firebase