

ETHAN SHEALEY

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PROFESSIONAL SUMMARY

Presently seeking full time opportunities to leverage problem-solving and computer programming knowledge as well as develop the necessary abilities to grow as a Software Engineer.

EXPERIENCE

Fidelity Investments

Durham, NC

Associate Software Engineer

June 2022 - Present

- Building and supporting client-side applications using Component Driven Development (CDD) technique in Angular, HTML, CSS and JavaScript
- Building and supporting RESTful server-side applications using Test Driven Development (TDD) and Object Oriented Analysis and Design (OOAD) techniques with multiple modern technologies like Java, Spring, NodeJS, Express, and SQL

Mayo Clinic

High Point, NC

Full Stack App Developer

November 2019 – May 2022

- Worked collaboratively with three teammates to successfully design and deploy an agile web application
- Using the Flask Framework leveraging Python and Jinja2 we were successfully able to stand up the application into a production environment
- In charge of building custom survey tools, in-site mailing/messaging service, and data administration dashboard with a custom content management system
- Continuously used Git to facilitate best practices of version control and issue tracking

High Point University

High Point, NC

Student Instructor and Tutor for Computer Science

January 2019 – August 2020

- Aided professors in facilitating and teaching new computer science students the critical fundamentals of programming
- Made myself readily available for struggling students to provide a one-on-one atmosphere. Which lead to being able to develop a personalized approach that allowed the students to understand much needed programming concepts

EDUCATION

HIGH POINT UNIVERSITY

High Point, NC

Bachelor of Science, Computer Science

May 2022

GPA: 3.27

PERSONAL PROJECTS

Digital Portfolio (<https://www.ethanshealey.com/>)

- Leveraged React Framework and Github Pages to build and deploy a website to showcase my web design skills
- The website is continuously updated and maintained to showcase new personal projects and certificates

Recipe Blog

- Created a custom RESTful API using NodeJS and Express that connects to a MySQL database storing recipes
- The API has multiple endpoints that a user can interact with to retrieve, store, update, and delete recipes. Upon an API call the database either is queried or updated depending upon the user's request
- Utilized Python Flask to develop a client-side application to serve the recipes from the API

SKILLS

Languages

- C/C++, Python, Java, JavaScript, TypeScript, HTML5/CSS3, SQL, NoSQL, MATLAB, MongoDB

Frameworks

- Spring, Flask, Django, NodeJS, Express, React, Angular, React Native, Electron, jQuery, AJAX

Tools

- VS Code, Android Studio, Bash, Git, Docker, Jenkins, Terraform, AWS, Vim, RESTful APIs, Firebase