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 Engineering.

EXPERIENCE

Mayo Clinic   **High Point, NC**
Full Stack App Developer   *November 2019 – Present*
- 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 developing a free-text query search, API Authentication through GitHub OAuth2.0 and building 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: 3.3

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

Image Converter *(https://converter.ethanshealey.com/)*
- Refined my ReactJS knowledge by creating and hosting an image compression and conversion website that allows users to upload images and convert the file type or compress the image to reduce file size
- Hosted in the cloud using GitHub hosting services

Recipes API *(http://api.ethanshealey.com/recipes)*
- Created a custom 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

SKILLS

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

Frameworks
- Flask, Django, NodeJS, Express, ReactJS, React Native, Electron, jQuery, AJAX

Tools
- Visual Studio Code, Android Studio, Bash, Git, Docker, Amazon Web Services, VI/Vim, RESTful APIs, Firebase