Matthew Snyder

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Education

WEST VIRGINIA UNIVERSITY — Morgantown, WV
M.S. Mathematics, GPA: 4.00 — August 2020-May 2022
Honors: Invited into Phi Kappa Phi Honors Society
Activities: Graduate Teaching Assistant

UNIVERSITY OF PITTSBURGH — Pittsburgh, PA
B.S. Mathematics, Minor in Computer Science, GPA: 3.33 — August 2014-December 2019
Activities: Undergraduate Research Assistant

Experience

AAK Tele-Science — Remote
Front End Development Intern — September 2023-Present

- Developed a search page that integrated data from an API into a front-end React.js app, demonstrating proficiency in React.js and API integration.
- Collaborated with back-end developers to ensure seamless integration between front-end and back-end components of the app.
- Participated in code reviews and provided feedback to other developers to ensure code quality and maintainability.

ALLEGHENY COUNTY — Pittsburgh, PA
August 2022-Present
Financial Analyst

- Designed a web application to help collect and record ACH Credits received by the Treasurer's Office on behalf of the various departments in Allegheny County
- Created and optimized multiple Excel spreadsheets to enhance work productivity and accuracy, resulting in an increase in efficiency and a reduction in errors.

SPRINGBOARD — Remote
Full Stack Software Engineering Bootcamp — September 2022-September 2023

- Completed over 700 hours of coursework with hands-on projects, demonstrating a strong work ethic and commitment to learning.
- Gained expertise in full-stack development, including front-end development with modern frameworks (e.g., React.js), back-end development with Node.js and Express.js, relational databases (e.g., PostgreSQL), RESTful API development, unit and integration testing, and source control systems (e.g., Git, GitHub).

Projects

DATING APP MOCK/CLONE — **Link:** haters.onrender.com — **GitHub:** https://github.com/MattGeoSnyder/Haters
Technologies used: Node.js Express.js PostgreSQL, React.js, Redux.js

- Implemented real-time WebSocket chats to allow users to connect with others in real-time, enhancing user engagement and experience.
- Created a RESTful API with authentication to connect front-end and back-end sections of the project, ensuring secure and seamless communication between components.
- Developed an interactive and responsive front-end with React.js and CSS, ensuring optimal user experience across devices.

FITNESS TRACKER — **Link:** fitter.herokuapp.com — **GitHub:** https://github.com/MattGeoSnyder/CapstoneOne
Technologies used: Python, Flask, SQL Alchemy, PostgreSQL, HTML, CSS, JavaScript, Jinja2

- Designed and developed fitness tracking app implementing an existing RESTful API service
- Implemented CRUD operations to allow users to create, manage, and execute workout plans
- Integrated Data Science libraries to allow users to track progress, providing valuable insights and feedback to users