

Heather Mantooth

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SOFTWARE ENGINEER/FULL STACK DEVELOPER

- Creative and resourceful software engineer, fueled by empathy and curiosity to develop innovative solutions to people's problems. With a background in Math and Computer Science education, I've honed my communication and problem-solving skills and my ability to derive order from chaos in fast-paced, dynamic environments. I am a lifelong learner who thrives under a challenge.

TECHNICAL SKILLS

• MERN Full-Stack • HTML • CSS • JavaScript • Python • Java • PHP • SQL • GitHub • Ruby on Rails • APIs

PROJECTS

Project Uplift

A post board application for affirmations and celebrations that allows users to create posts with images and text and save to customized boards or share to public boards

- Full CRUD API build with Postgresql and Ruby on Rails
- Front end build with React JS

Gnome-A-Zon

A garden gnome marketplace allowing members to create, edit, and delete and users to browse and search gnomes for sale, built using the MERN stack.

- Developed back-end full CRUD API with user authentication with MongoDB
- Managed team Git flow to coordinate push and pull requests on Git branches

Intersectional Bookshelf

A book recommendation application allowing users to recommend, browse, and search for books with representation of underrepresented populations (React, NodeJS, and Airtable).

- Used linked tables in Airtable to allow users to tag recommendations with genres, representation tags, themes, and trigger warnings and create new tags
- Implemented search logic to sort search results by best matches for genre and tags

PROFESSIONAL EXPERIENCE

Software Engineering Fellow

June - August 2021

General Assembly

- Designed and built functioning and responsive MERN full-stack CRUD web applications
- Developed proficiency with JS, NodeJS, Express, MongoDB, HTML, CSS, and Ruby on Rails with 400+ hours of immersive professional training

Math and Computer Science Teacher

August 2014 - June 2021

Santa Fe High School, Santa Fe, TX

- Creating data assessment tools and collecting, organizing, and analyzing data to measure progress towards goals and develop strategic educational plans
- Trained students to develop computational and algorithmic thinking and problem-solving skills
- Developed and maintained effective lines of communication with stakeholders

EDUCATION

General Assembly - Software Engineering Immersive Certificate of Completion

August 2021

University of Houston - Bachelor of Arts in English Literature

December 2013