Grant
Montgomery

Software Developer

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WORK

Web developer / 2020 - present

HealthPartners
Web developer focused on 'global' aspects of the consumer website. Responsible for consumer login, account creation, and account management as well as various back-end services and internal tools.

ACCOMPLISHMENTS

Enhanced customer engagement

Implemented dynamic, personalized emails with FreeMarker templates, showing noticeable increase in CTA click-through.

Improved customer experience

Collaborated across teams to better match users to their patient and member information, reducing calls to web support while enhancing user capabilities.

Increased code re-usability

Improved code re-usability by creating and maintaining component-libary of embedable mini-apps.

SKILLS

Languages: Python, Java, Typescript, Dart, C++, Javascript
Web technologies: HTML, CSS, React.js, Stencil.js, Flutter, Svelte-kit, Node, Express, Spring Boot
Database Oracle SQL, MongoDB
Version Control Github, Gitea, Bitbucket
Operating Systems Windows, macOS, Linux

EDUCATION

Computer science

Bachelor, University of Minnesota, Duluth

Mathematics

Bachelor, University of Minnesota, Duluth

PROJECTS

Lettuce Sudoku

Sudoku game written in Dart using the Flutter framework, enabling multi-platform support with a single code-base. Feature-complete and playable on a web browser, as a native desktop app, or as a mobile application

Constant-sum partitions

Mathematics undergraduate research project on constant-sum-partitions. This was Primarily a mathematics project, but Python was an important tool used to rapidly test cases.

Homelab

Self-hosted Truenas and Linux servers to experiment with networking, storage, containers, and virtualization

OTHER

CAD Mentor / 2018 - 2020

Duluth East Daredevils Robotics Team
Supervised, critiqued, and guided the design, drafting, and CNC machining of the team's First Robotics Competition robot.