

Grant Montgomery

Software Developer

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Github [lettucebowler](#)

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-library of embeddable 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

University of Minnesota

Majors in Computer Science, Mathematics

Bachelor of Science, 2021, 3.82 GPA

PERSONAL PROJECTS

Lettuce Sudoku

Multi-platform Sudoku Game written in Dart using the Flutter app framework

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.

WordLettuce

Wordle Clone built in svelte-kit after official game was bought by the NY Times and coworkers got scared about an impending paywall but wanted to keep playing together and sharing scores

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.