Maggie Herms

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github.com /
maggiemay-afk

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maggie-herms

Computer science student, open to relocation, and seeking a position in software development. Looking to utilize and grow my technical, analytical, and problem-solving skills.

Education

UW-Milwaukee (GPA 4.0)
Sep 2021 – May 2024
B.S. Applied Computer Science

UW-La Crosse (GPA 3.67)
Sep 2016 – Dec 2019
B.A. Psychology
Internship: Gundersen Health

Languages

Java, JavaScript (Node.js, React.js), SQL, TypeScript, Python (Django), HTML, CSS

Databases

MS SQL Server, Oracle SQL Developer, MongoDB, Apache Cassandra

Tools

Git, GitHub, Eclipse, VS Code

Accolades & Involvement

College of Engineering and Applied Science Dean's List, Women in Technology-Wisconsin

Projects

ambiance.dev | Senior capstone project (in progress)
TypeScript, Firebase (Authentication, Firestore DB), Node.js, React.js

maggiemay.dev | Personal website
JavaScript, React.js, HTML, CSS, Gatsby (migrated to Netlify)

wow-mount-quiz.com | Warcraft inspired web app game
TypeScript, Node.js, React.js, Blizzard API, OpenAI API

Relevant Coursework

Programming I & II, OOP, Data Structures & Algorithms
Java: Methods, arrays, linked lists, stacks, queues, debugging, Swing UI, exceptions, encapsulation, inheritance, polymorphism, binary search trees, binary search, depth/breadth-first, insertion sort, maps, hashing

Database Management I & II
SQL, MongoDB, Cassandra: Data models, entity relationship models, relational databases, non-relational databases, graph databases

Web Development
JavaScript, Python (Django), HTML, CSS, Bootstrap

Applied Communication Networks
Java: TCP/UDP, HTTP, ISO/OSI Model, Java.net

Computer Security I & II
Java: Access control, symmetric cryptography, public key cryptography

Work Experience

Database Coordinator – Indiana University   Mar 2023 – Present
Utilizes Oracle SQL developer to troubleshoot academic reports, test undergraduate curriculum changes, and assist with reporting

Office Assistant – Indiana University   Oct 2021 – Mar 2023
Followed University standards to make website updates, arranged travel and processed reimbursements, organized student outreach programs

Administrative Assistant – Mission Critical   Aug 2020 – Aug 2021
Scheduled psychological screenings, administered assessments, maintained psychologists' schedules, and excel databases for clients