

Maggie Herms

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(608)-235-7917

Objective: I am a student in the University of Wisconsin Applied Computing Program who is seeking an internship or position in software development, in order to apply and grow my technical skills through real life applications.

Software Languages

Java, JavaScript
(NodeJS, React),
Python (Django),
TypeScript
HTML, CSS, SQL

Software Tools

Git, GitHub, Microsoft
SQL Server, MongoDB,
Apache Cassandra,
Eclipse, VSCode

Accolades

College of Engineering
and Applied Science
Dean's List, Psychology
Outstanding
Student Award,
Undergrad. Research
and Creativity Grant,
GPA Honors

Involvement & Volunteer Work

Women in Technology
Wisconsin, Golden Key
International Honor
Society, Psi Chi
International
Honor Society

Education

University of Wisconsin – Milwaukee (online) | GPA 4.0 | Expected 2024

B.S. Applied Computing

University of Wisconsin – La Crosse | 2016-2019

B.A. Psychology | Minor: At Risk Child and Youth Care

Technical Courses

Programming I, Programming II, Object Oriented Programming | Java

- Data types, conditionals, loops, methods, arrays
- Debugging, Input/output, Java Swing UI, Exceptions
- Classes, encapsulation, inheritance, polymorphism

Data Structures and Algorithms | Java

- Abstract data types, iterators, linked lists, stacks, queues
- Binary search, collections, maps, hashing, graphs, sorting

Database Management I & II | SQL, MongoDB, Cassandra

- Data models, relational databases, entity relationship models
- Non-relational databases (Riak, Redis), graph databases (Neo4j)

Applied Communication Networks | Java

- TCP/UDP, HTTP, ISO/OSI Model, Java.net

Computer Security | Java

- Access control, symmetric cryptography, public key cryptography

Professional Experience

March 2023 – Current

Indiana University | Database Coordinator

- Implements and maintains undergraduate curriculum in the academic Bulletin
- Updates, tests, and troubleshoots Advisement Reports within the Student Information System and utilizing Oracle SQL Developer
- Assists with end of term processing for graduation, probation, and dismissal

October 2021 – March 2023

Dept. of History & Philosophy of Science, Indiana University | Office Assistant

- Followed University standards to make website updates utilizing our WCMS
- Arranged travel and facilitated honorariums and reimbursements for department guests, graduate students, and faculty members
- Organized student outreach for department events, courses, and degrees

August 2020 – August 2021

Mission Critical Psychological Services | Administrative Assistant

- Scheduled prospective job candidates for psychological screenings and administered online psychological assessments
- Extracted assessment scores through Qualtrics, and communicated information between psychologists, job candidates, and client groups
- Maintained schedules for all psychologists and excel databases for client groups