

Christian Hennig

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Education and Training

Milwaukee School of Engineering (MSOE)

B.S. Computer Science

Milwaukee, WI, United States

Cumulative GPA: 3.16

Graduated: August 2023

Marquette University

M.S. Data Science, specialization in Statistics and Modeling

Milwaukee, WI, United States

Current GPA: 4.0

Started: January 2025

Work Experience

Software Engineer

Hardin Design and Development

July 2025 - Present

Madison, WI

- Refactoring and implementing features for client [VaultRight](#) and their bank workflow applications.
- Platforms include web and mobile applications along with the backend admin portal and API.
- Technologies being used include: React.JS/Native, PHP/Laravel, MySQL, Gitlab, Jira, and Basecamp.

Data Science Intern

Direct Supply

June - November 2022

Milwaukee, WI

- Deployed test applications with AWS/Docker, Terraform, FastAPI, and Gitlab CI/CD.
- ETL with Python and MSSQL for customer purchase history on an ecommerce platform.
- Conducted EDA with Pandas and Matplotlib before creating a statistical preference metric.

App Developer Intern

Mitrates's Circa

June - September 2021

Milwaukee, WI

- Resolved dozens of client tickets for issues with posting jobs on a variety of job boards.
- Used .NET scraping libraries and XPath to categorize website templates.
- Used MSSQL Server to evaluate the association of 100+ web templates with their specific vendors.

Accomplishments and Projects

VexU Robotics Competition & Senior design project

Sep 2021 - May 2022

- Co-developed a [reinforcement learning solution for a ROS2 application](#).
- 1st place award for [MSOE's Rosie Supercomputer Challenge](#).
- Co-presented at [WSPE Discovery Conference](#).

Game Recommendation Website

May - August 2024

- Built a NextJS site providing [LLM-generated game recommendations](#).
- Llama3-8b model on GroqCloud and optimized prompt using DSPy to improve JSON output.

Duck Decoy Bluetooth Low Energy Mobile Controller

Nov 2019 - Feb 2021

- Created a [React Native application for a startup](#) to communicate with BLE relay boards.
- The application was deployed in a TestFlight environment for field testing.

Skills: ReactJS, JavaScript, jQuery, Java, Python, Pandas/NumPy, Matplotlib, FastAPI, Flask, Gitlab CI/CD, SQL, MongoDB, Docker, AWS, and AI/ML