Christian Hennig

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Education and Training

Milwaukee School of Engineering (MSOE)	**GPA: 3.16**
B.S. Computer Science	**Expected Graduation: January, 2023**
Milwaukee, WI, United States	

Skills

- Java, Python, and JavaScript
- Pandas, NumPy, and Matplotlib
- .NET and Unity
- ReactJS, NextJS and React Native
- Node, and Flask

- SQL and MongoDB
- Linux and basic Docker
- AWS, Netlify, and Vercel
- Cuda C and C++
- Higher level math for machine and deep learning

Work Experience

Data Science Intern - Direct Supply   June 2022 - Present
- Exposure to deployment of ML apps (Terraform IaC, Gitlab CI/CD) and internal platforms
- EDA, ETL, and other data science techniques with intention to utilize machine learning
- Development of system to generate customer specific ecommerce recommendations

App Developer Intern - Circa   June 2021 - Aug 2021
- Used .NET and manual web scraping to obtain and edit templates for job sharing platform vendors
- MSSQL Server to verify and compile the association of web templates with their specific vendors

Research Assistant - Medical College of Wisconsin   Sep 2020 - Feb 2021
- Planning stage for project using BERT to obtain deep patient representation from social testimonials
- Work to begin scoping review on conversational agent impact in healthcare
  https://inceptionlabs.org/projects/conversational-ai

Student Tutor - MSOE Raider Center of Academic Success   March 2019 - March 2020
- Developed and presented workshops for note taking and time management
- Tutoring sessions for software, math, and science courses

Accomplishments / Projects

VexU Robotics competition - Senior project   Sep 2021 - May 2022
- Reinforcement learning solution for robotics ai-strategy platform:
  https://github.com/msoe-vex/senior-design-adversarial-strategy/tree/main
- **Team Recipients of Supercomputer Challenge Award:**
  https://www.msoe.edu/about-msoe/news/details/msoe-students-awarded-in-first-ever-rosie-supercomputer-super-challenge/
- **Team Presentation at WSPE Discovery Conference:**
  https://www.wspe.org/discovery-conference

Educational Game-sharing Website   Nov 2020 - Feb 2021
- A PoC game-sharing site as a personal project in conjunction with game dev club
- This used ReactJS and AWS Amplify as a backend.
  https://bigbraingames.io

BLE Relay Mobile Controller   Nov 2019 - Feb 2021
- A React Native app to control Bluetooth relay states powering motorized duck decoys
  https://github.com/ChipHennig/BleDuckDecoy

Team Captain - MSOE Esports (Hearthstone)   Dec 2018 to March 2020
Founder / Chair - MSOE Chess Club   Dec 2018 to March 2020