Christian Hopf

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EDUCATION

Indiana University, Bloomington, IN   May 2022
Bachelor of Science in Computer Science
Specialization: Artificial Intelligence
Minor: Mathematics
Relevant Coursework: Data Structures, Algorithm Design and Analysis, Intro to Artificial Intelligence, Intro to Software Systems, Intro to Computer Vision, Network Technologies and Systems Administration, Principles of Machine Learning

TECHNICAL SKILLS

Languages: Java, Python, C, C++, JavaScript, SQL
Platforms: Windows, UNIX/Linux
Web development: HTML, CSS, C#, .NET

WORK EXPERIENCE

Royal on the Eastside, Bloomington, IN   Spring 2021 - Fall 2021
Lot Porter
- Ensured dealership lot cars was kept clean and presentable
- Worked with salesmen, technicians, and service bay to deliver cars to customers in a timely manner
- Learned to thrive in a rapidly changing environment and communicate between different departments

Subway, Jasper, IN   Summer 2019 - Summer 2020
Team Member
- Headed multiple customer-facing roles and acquired efficient work ethic habits while exercising thoughtful customer interaction
- Expanded customer interaction and teamwork skills to provide efficient, quality service

Walmart, Jasper, IN   Summer 2017 - Summer 2018
Cashier
- Executed efficient customer service through assisting patrons with their orders and answering questions
- Collaborated with other team members to ensure best possible shopping experience

PROJECTS

Handwritten Digit Recognizer   Spring 2022
- Trained shallow and deep neural networks to recognize handwritten digits
- Gained familiarity with the PyTorch machine learning library in developing shallow and deep neural networks

Introduction to Computer Vision: Final Project   Spring 2021
- Used Python to implement and compare performance of multiple image segmentation algorithms
- Assumed a leadership role in division of work and assisting team members in implementation
- Prepared a technical report detailing the goals and processes, and analyzing results of the project

Personal Portfolio Website   Spring 2022
- Built a static portfolio website
- Gained introductory-level experience with AWS website hosting

Intro to Software Systems: Final Project   Spring 2019
- Co-led a team of four people in developing a Java program simulating a movie theater management system
- Aided in program design and assignment of roles and tasks, learning key program design and team management concepts
- Scheduled and oversaw team meetings, gaining valuable leadership experience
- Practiced analysis and revision of teammates' code
- Gained valuable experience in working on a project as part of a team