

Ava Scherocman

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EDUCATION

Bachelor of Science in Computer Science and Engineering

Expected May 2025

The Ohio State University

Minor in Statistics

GPA: 3.5

Relevant Coursework: Data Mining, Data Management in the Cloud, Data Visualization, Database Systems, Artificial Intelligence, Programming Languages, Computer Networking, Operating Systems, Interactive Systems

EXPERIENCE

High-Performance Computing Intern

May-August 2024

Pacific Northwest National Laboratory

Richland, WA

- Developed software in Python to collect and analyze high-performance computing cluster Slurm and usage data to aid in future user support and hardware planning
- Created data visualizations using Matplotlib to encourage efficient utilization of supercomputer resources by lab researchers from multiple disciplines who are unfamiliar with cluster operation

Teams Integrations Intern

May-August 2023

Pacific Northwest National Laboratory

Richland, WA

- Integrated company technical support desk chat into Microsoft Teams using Microsoft Power Platform and Bot Framework, allowing employees to access the support desk directly within the Teams client
- Designed and built Microsoft Power Platform automations to aid employee productivity and communication

Collaboration and Power Platform Intern

May-August 2022

Interlink Cloud Advisors

Mason, OH

- Utilized Microsoft Power Platform software to automate the company's existing internal customer onboarding process and build productivity tools for customers
- Built Human Resources division of company intranet using Microsoft Modern SharePoint and Power Platform software

Mobile Software Development Intern

June-August 2021

Kroger Technology

Cincinnati, OH

- Worked in Swift and SwiftUI fixing design and logical issues in the iOS version of the Kroger app
- Added maps and real-time location tracking in 'Store Mode' to five hundred Kroger brand family stores across the United States

COMPUTER SKILLS

Java, Python (Pandas, NumPy, Matplotlib), C#, R, Git, GitHub, GitLab, SQL, Slurm, C++, HTML/CSS, C/AL, C, Elasticsearch, D3.js, Microsoft Power Automate and Power Platform, Dynamics NAV, Visual Basic.NET, Visual Basic 6, Google Cloud Platform, JSON/GeoJSON, Jira, Swift, ConnectWise Manage, L^AT_EX

EXTRA-CURRICULAR ACTIVITIES

Community Outreach Coordinator and Mentor, ACM-W at OSU

2022-2025

- Organized computer science outreach events to increase awareness and participation in computing and technology careers, impacting over three hundred local K-12 students

Volunteer, Girl Scouts of Western Ohio

2015-2025