Kendall Korcek

Dexter MI | korcekke@msu.edu | (734) 864-2364 | linkedin.com/in/kendall-korcek

EDUCATION

Michigan State University, College of Engineering   East Lansing, MI
Bachelor of Science, Computer Science, 3.6   September 2021 - May 2025
Minor in Spanish Language

RELATED EXPERIENCE

NetJets Airport Capacity and Ground Space Management   East Lansing, MI
Capstone Project Michigan State University   January 2025 - April 2025

- Enhanced airport capacity decision making by delivering a full-stack web application with real-time monitoring, interactive visualizations, recommendations, leveraging AWS (Amplify, API Gateway, RDS), Node.js, React.js, and Google Maps API
- Developed a dynamic recommendation engine, identified over-capacity risks, and 100% capacity scenarios, optimizing aircraft parking and rerouting by integrating live FAA flight data with airport capacity model
- Collaborated with a team of 6 through full software development lifecycle, from requirements gathering to AWS deployment, ensuring seamless integration of backend services, frontend UI, and live data feeds
- Earned the Amazon Sigma Award for best overall capstone, recognizing excellence in formal project planning, presentation, software, and project video

Michigan State College of Education Tech Support   East Lansing, MI
Student Tech   May 2024 - May 2025

- Minimized faculty and staff downtime by initiating contact within 24 hours to evaluate and resolve first-level technical issues, troubleshoot hardware malfunctions, software bugs, and connectivity issues
- Configured Mac and Windows desktop computers, laptops, and peripherals by installing operating systems, setting up user profiles, and deploying essential software such as antivirus programs and productivity suites using JAMF for automated MacOS deployment and manual deployment for windows systems
- Performed fresh installs of operating systems, including system and driver updates to university devices, as well as routine maintenance including antivirus scans to ensure optimal performance, security, and reliability

Avfuel Corporation   Ann Arbor, MI
Seasonal Intern   June 2022 - August 2023

- Improved organizational efficiency by developing a streamlined system to scan, file and archived employee documents for over 400 staff members: purified and prepared data for migration to a new payroll system
- Managed and updated accounting and tax databases, preparing data for over 100,000 accounts for seamless migration to a new accounting system

ADDITIONAL EXPERIENCE

- Personal Website Project: Developed and deployed a personal portfolio website using JavaScript and React, leveraging AWS Amplify for hosting, continuous deployment, and integration with GitHub for streamlined services
- University College Dublin: Completed study abroad program focused on Physics and Irish History, expanding academic expertise and cross-cultural perspective
- Freelance Photography: Produced high-resolution photos for individual clients by utilizing manual camera functions and Adobe Lightroom, providing over 100 images per client to deliver final images within a set timeframe
- Leadership Advantage: Supervised first-year engineering students by providing a welcoming environment, and facilitating team-building activities stimulated collaboration and problem-solving skills

SKILLS

Languages: Python, JavaScript, C++, C, HTML/CSS, SQL, MATLAB
Frameworks and Libraries: React.js, Node.js, Vue.js, Express.js
Developer Tools: Git, Docker, AWS (Amplify), Google Cloud Platform, VS Code, Figma