Joshua S. Erno

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Objective

To secure a full-time position as a software engineer that will expand my knowledge and experience in C.S.

Education

Michigan State University, East Lansing, MI   08/2023 – 05/2024
M.S., Computer Science
- **Selected Coursework**: Machine Learning (Fall 2023), Advanced Computer Networks and Communications (Fall 2023), Computer Vision (Fall 2023), Algorithmic Graph Theory (Fall 2023)

Michigan State University, East Lansing, MI   09/2020 – 05/2023
B.S., Computer Science; Minor: Mathematics
- Department GPA: 4.0/4.0, Cumulative GPA: 3.96/4.0
- Graduated in three years with high honors; Dean's list (every eligible semester)
- **Selected Coursework**: Object-oriented Software Design, Algorithms and Data Structure, Discrete Structures in Computer Science, Matrix Algebra, Intro to Machine Learning, Biometrics and Pattern Recognition, Autonomous Vehicles, Algorithm Engineering, Computational Foundations in AI

Experience

JPMorgan Chase & Co., Columbus, OH   06/2023 - present
Software Engineer Intern
- Support Consumer & Community Banking – Small Business Lending team
- Collaborate on a team of three summer interns in an Agile environment
- Design and create user interface microservice to simplify updating process for specific admin tables

Michigan State University, East Lansing, MI   01/2023 – 05/2023
Software Engineer
- Worked on a team of five students in MSU senior capstone course in collaboration with Meijer
- Designed and implemented [Organization Efficiencies Utilizing WIFI Locationing](#)
- Utilized Mist Wi-Fi technology to enhance Meijer's mobile Shop & Scan experience
- Created web application to display heatmap and useful metrics from mobile app

Ford Motor Company, Dearborn, MI   05/2022 – 08/2022
Software Engineer Intern
- Supported FordPass IPM team, taking ownership of Digital Account: My Garage product category by troubleshooting/triaging problem tickets
- Pair programmed with iOS developers using Agile Methodology resolving problem ticket stories
- Created Python script to match old icons in FordPass to new icons in icon library

Leadership & Activities

Student-Athlete Support Services Tutor   08/2022 – 12/2022
- Provided effective tutorial support for Michigan State student-athletes in Computer Science and Mathematics courses

Spartans Involved in Community Service Member   09/2020 – 05/2021
- Represented Michigan State by assisting organizations in the East Lansing area, such as Greater Lansing Food Bank, City Rescue Mission of Lansing, and American Red Cross

Skills

Coding: Python, Java, JavaScript, C, C++, Swift, Assembly, HTML, CSS, LaTeX, SQL
Technologies/Environments: Windows, macOS, Linux, VS Code, PyCharm, CLion, Jupyter Notebook, ReactJS, React Native, Azure, Power BI, SciKit Learn, OpenCV, Splunk, Dynatrace, AWS, REST API