Morgan Sandler

+1 (248)-962-5755
East Lansing, Michigan
msandler8@gmail.com

morganlsandler.com
github.com/morganlee123
linkedin.com/in/morgan-sandler

Experience

United Airlines, Machine Learning Engineer
East Lansing, MI (Remote)
Jan 2021 – May 2021

- Utilized state of the art computer vision methods alongside legacy techniques to streamline the United Airlines' existing safety and auditing processes
- Wrote task recognition programs to identity key points in aircraft turn video that identify non-compliance and potential safety risks

Quicken Loans, Software Engineering Intern
Detroit, MI (Remote)
June 2020 – August 2020

- Led a small intern team to build a mentorship application which helped to solve the problem of matching experience-variable team members together for strengthening and learning new skills
- Modularized two internal services to prepare an expansion of existing functionality within a complex loan management system
- Integrated algorithms that allowed for input forgiveness in naming as shown between multiple documents when parsing the system logic

Skills and Technologies

C#, ASP.NET, C++, Python, Pandas, Dask, Flask, Java, C, Progress OpenEdge ABL/4GL, React Native, REST API Design, Amazon Web Services, Google Cloud, Scaled Agile Framework, CircleCI, Grafana, SonarQube

Education and Coursework

MS Computer Science
Integrated Pattern Recognition and Biometrics Lab Research Assistant
Department of Computer Science and Engineering
Michigan State University, East Lansing, MI
Expected December 2022, GPA: N/A

BS Computer Science, Cognate in Astrophysics
College of Engineering and Honors College
Michigan State University, East Lansing, MI
Expected December 2021, GPA: 3.65/4.0 (Deans List)

Activities: Spartahack Co-Director, Spartan Hackers member, sp4rtans CTF President and Co-Founder, Alpha Epsilon Pi Web Developer and Academic Chair