Spencer Sherr

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EDUCATION

Seaholm High School — Birmingham, MI
High School Diploma — GPA: 4.0/4.0 UW — SAT: 1550 — *Sep. 2022 – Present*
- Relevant Coursework: AP Stats, AP CSA, AP CSP, AP Calc BC, AP Chem

Lawrence Technological University — Southfield, MI
Non-Degree Seeking Student — GPA: 4.0/4.0 UW — *Aug. 2024 – Present*
- Relevant Coursework: Computer Scince II, Software Engineering I

STARTUPS

SpareLot | Founder and CEO — June 2024 – Present
- Founder and CEO of SpareLot: A fullstack web application that facilitates renting and hosting of unused space
- Using Firebase as a secure backend by Google to ensure professional practices in app logic
- Utilizing HTML, CSS, and ReactJS as dynamic frontend languages as well as Material-UI to design efficient and effective interfaces for users
- Currently being developed within a private GitHub repository to facilitate collaboration with other team members

PROJECTS

Facial Recognition | *Python, Jupyter Notebook, Tensorflow* — November 2024
- Developed siamese neural network for one-shot image recognition, comparing input images to anchor images
- Built model from replicated methods of research paper and training on UMass Labeled Faces in the Wild dataset
- Utilized tools including Python, Tensorflow, OpenCV, and Jupyter to collect images and build models
- Integrated into simple Kivy app for light, intuitive user interface and then shared on Github for external viewing

EXTRACURRICULARS

Investing Club | President — June 2024 – Present
- Create slide show presentations to teach over 75 student members about fundamentals of investing
- Sponsored by Comerica and Huntington banks to use funds for development of club managed portfolio
- Oversee all meetings and activities such as guest speakers, competitions, games, and events

DECA | Chapter Vice President — Sep. 2023 – Present
- State champion and competed at the international level in Integrated Marketing Campaign Product category, winning a testing medal
- Help produce educational competition content for chapter members in the form of study guides
- Collaborate with other board members to host events and raise funds for charities

Highlander School Newspaper | Editor — Sep. 2024 – Present
- Oversee both print and media publications and editing of staff writer articles
- Manage WordPress hosted website and associated online advertising
- Use marketing and design methods to attract new members and grow club membership

Math Club | Vice President — Sep. 2024 – Present
- Facilitate learning experiences of basic and advanced mathematical concepts for high school students
- Host participation of state and national math competitions such as Michigan Math League and AMC

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, HTML/CSS
Frameworks: React, Node.js, Material-UI, Firebase
Developer Tools: VS Code, Visual Studio
Libraries: Pandas, NumPy, Scikit-Learn

CERTIFICATIONS

Java: CertiPort Certifications in Java and Python (greater than or equal to 900/1000 score)
Machine Learning: Coursera certifications including Supervised Slearning, Unsupervised Learning, and Advanced Learning Algorithms apart of Machine Learning Specialization