CHAD SMITH

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LinkedIn

EDUCATION:

Syracuse University, College of Engineering and Computer Science, Syracuse, NY
B.S in Computer Science   Expected Grad: May 2025
Dean's List (6 of 6 Semesters)
GPA 3.8
Merit Scholarship (Fall 2021 - Present)

SKILLS:

Languages: Java, Python, JavaScript, HTML, CSS, SQL
Software: GitHub, Git
Other: Team-Based Programming, Building a Computer, Database Management, Excel

ENGINEERING APPLICATIONS:

FactSet Internship Project, *FactSet,* Manhattan, NY   May 2024 – August 2024
- Worked alongside a **Scrum** Software Engineering Team to create a Mock Server which integrates into their API
- Used **Java** to create the Mock Server which fetches data from an **Excel** spreadsheet and feeds the data to the client through API calls
- Presented the Mock Server to other FactSet Engineers
- Mock Server was packaged alongside the main product and given to clients as a demo of the API's functionality

Syracuse Summer Research Project, *Syracuse University,* Syracuse, NY   June 2023 – August 2023
- Worked with a Professor at Syracuse University on research testing if **Artificial Intelligence** could be used to create Mathematical Proofs
- Made Use **PyTorch** to train an A.I Neural Network on Mathematical Proofs and gathered data on how confident the network was in completing the next step
- Made Use of **Python** to assist with debugging as well as writing tests for the main codebase
- Researching findings were submitted to AAAI-24 research conference for potential acceptance

DeepRacer, *FactSet MESH Externship,* Norwalk, CT   May 2023 – May 2023
- Used DeepRacer to create a Machine Learning model of a car.
- Built a reward function using **Python** to train how the model drove around the racetrack.
- Achieved the fastest time around the track in an asynchronous qualifier race.

Dining Hall Simulation, *Syracuse University,* Syracuse, NY   November 2022 – December 2022
- Used **GitHub** to collaborate with four other students to create a simulation of how students may visit dining halls around campus.
- Created a function to simulate the behavior of someone who would try to visit a new dining hall each day
- Simulation measured the average amount of satisfaction a student would get from the various visitation methods based on parameters given in class.

Binary Text Converter, *Syracuse University*, Syracuse, NY   October 2022 – November 2022
- Collaborated with other students to create a **Python** project that converts binary to text and text to binary
- Used **GitHub** to push alterations to increase program efficiency.