

JEREMY SHAFFAR

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Summary

Junior at the University of Illinois Urbana-Champaign, majoring in Computer Science and Philosophy. Interested in a programming internship during the summer of 2022 and/or a co-op in the fall of 2022. Willing to work at any location or remotely.

Technical Skills

Languages: Proficient in Python, Java, C/C++, Learning JavaScript with React and Node.js frameworks.

Computer Science Skills: Systems Programming, Linux, Some Artificial Intelligence Methods/Data Analysis, Cloud Computing, MongoDB, Agile Development

Other Skills: Critical Thinking, Customer Service, Communication

Interests (non-inclusive): Systems/Cloud Programming, Philosophy, Geography, Environmentalism/Alternative Energies

Education

University of Illinois Urbana-Champaign

August 2019 – May 2023

BSLAS in Computer Science and Philosophy, GPA: 3.81

Champaign, Illinois

Sachem East High School (4.0 GPA)

September 2015 – June 2019

Advanced Diploma, GPA: 4.0

Farmingville, New York

Relevant Coursework

- Systems Programming
- Data Structures
- Algorithms
- Artificial Intelligence
- Statistics
- Minds and Machines

Experience

University of Illinois

August 2021 – Current

Course Assistant CS 240 (Systems Programming)

Champaign, Illinois

- Assist students with programming and conceptual problems during office hours, and some course development.
- Class teaches students about both low level systems programming such as byte manipulation and memory management, and higher level python-based micro-services.

University of Illinois - Disruption Lab

May 2021 – Current

Research

Champaign, Illinois

- From May 2021 to August 2021 worked on mapping audio earning transcript files to audio files for use in sentiment analysis, mostly using web scraping and other python libraries.
- From December 2021 I am researching creating deepfake using AI to help the Gies College of Business.

Other Work Experience

- Target Team Member (School Breaks 2020-2021): Stocked shelves and attended to shoppers needs.
- Pizza Hut Driver (Summer 2019): Maintained a clean and safe work environment, while under time pressure.
- SYJCC Counselor (Summers 2016 - 2018): Ensured third-eighth grade children were entertained and supervised.

Extracurricular

Illini Solar Car Strategy Team

August 2019 – Present

Strategy Team Lead (Since May 2021)

University of Illinois

- Strategy team member in 2021 American Solar Challenge, which was multi-day long road and track race across America.
- Strategy leadership includes leading agile stand-up every week, recruiting, and contributing to board meetings.

Student Cluster Competition

March 2021 - Current

Team Member

University of Illinois

- Global team competition to optimize programs and benchmarks with restricted power on supercomputing cluster.

Other Extracurricular Activities

- SIG HPC: Discusses topics and gives tutorials related to high performance computing. (Aug 2020 - Aug 2021)
- Philosophy Club: Weekly club for philosophical discussion, through Socratic seminars or lectures. (Oct 2021 - Current)
- Federal Reserve Challenge: High school competition in which one team per school gives presentation to federal reserve officials on our proposed optimal monetary policy. (October 2018 - March 2019)