Sola Akindele Jr.

Chicago, IL
aakindelen132@gmail.com | (773) 627-0658
GitHub Profile: GitHub URL

SUMMARY

Driven student with internship experience utilizing python, pytorch, and various machine learning libraries. Showcasing problem solving, initiative, and collaboration with others. Thrives in diverse environments and is eager to utilize and advance technical skill in computer science related roles. Looking for opportunities to explore the various aspects of computer science. Seeking data science and software engineering internships.

EDUCATION

University of Illinois at Chicago, Chicago, IL   December 2026
B.S. in Computer Science   GPA: 3.9/ 4.0

SKILLS

Programming: Python, C++, C, SQL, Java, HTML and CSS, VS code, Jupyter

Software/Frameworks: Microsoft SharePoint, Excel, Access, Word, Outlook, and PowerPoint, MySQL, Git, Git Hub, GDB, Figma

Relevant Coursework: (Calculus 1-3, Discrete Math, Data Structures, Dynamic programming and Object Oriented Programming)

PROFESSIONAL EXPERIENCE

Computer Science Teaching Assistant | University of Illinois Chicago   Aug 2025- present
- Primary Language: C++
- Assisted 90 to 100 students in Data Structures and Algorithms across lectures and labs.
- Held office hours to provide further understanding of the material.
- Helped debug projects in office hours while implementing primary data structures

Calculus Undergraduate Teaching Assistant | University of Illinois Chicago   Oct 2024 - Dec 2025
- Assisted 50 to 60 students in calculus, business calculus, and pre-calculus lectures and discussions.
- Held office hours to provide further understanding of the material.

Machine Learning Research Aide | Argonne National Laboratory   May 2024 - July 2024
- Provided AI models for a data science project for 12 weeks.
- Learned about the PyTorch library and linear and nonlinear learning models while using image classification.
- Familiarized with AI frameworks such as TensorFlow and PyTorch.

PROJECTS

Chess Game Analyzer · *Python · Stockfish · PGN · Matplotlib*

- Built a command-line tool to evaluate PGN chess games using Stockfish, classifying moves as Good, Mistake, or Blunder.
- Included plotting of evaluation trends and a CLI menu to support analyzing multiple games efficiently.

NBA Elo Ranking System · *Python · nba_api · Matplotlib · Pickle*

- Implemented a player rating system using the Elo algorithm and NBA box score data via `nba_api`.
- Persisted player ratings with pickle and visualized changes across seasons using Matplotlib.

Formula 1 Analysis · *Python · SQL · Kaggle*

- *Utilized Formula 1 database to analyze driver performance, achievements and trends across a season and history.*
- *Gained experience backend development for a future full-stack project.*

SeaJobs++ · *C++ · Git · VS Code*

- Developed a backend simulation for a job bidding platform in C++ during a team-based hackathon.
- Handled user roles, real-time job auctions, and internal state using custom data structures and I/O.