

Ian Lulu

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Summary

Computer Science graduate with strong technical and engineering skills in information technology and software engineering. Possesses more than two years of hands-on work and research experience, working with computer networking and software development among others. Passionate about learning and thrive on working in high-impact projects.

Education

University of Illinois Chicago (UIC)
Bachelor of Science in Computer Science

Chicago, IL
December 2022

Experience

Electronic Visualization Laboratory, UIC
Undergraduate Researcher

Chicago, IL
May 2022 — June 2022

- Assisted with researching APIs to connect a Unity data visualization project to the web that's interfaceable with mixed reality.
- Developed code using C#, JavaScript, and WebXR to interface a Unity program to a web application instance.
- Presented work and findings at weekly meetings to the research team for learning and feedback on project.

Technology Solutions, UIC
IT Support Specialist

Chicago, IL
January 2020 — December 2021

- Assisted network engineers with troubleshooting and maintaining Cisco switches and access points throughout the campus network.
- Provided on-site support regarding network issues to 100+ buildings (research labs, dorms, lecture halls, etc.)
- Managed a ticketing system (TeamDynamix) for network issues and resolved at least 7-10 support tickets per week.
- Maintained and contributed to engineering documentation of university's computer network to enhance troubleshooting efforts.

Projects

MyTetris (Personal Project)
A recreation of the classic game

Java, Maven, Git
October 2023 — Present

- Coded and designed my version of the Tetris game in Java using its graphics libraries and object-oriented design.
- Created a working demo of the game that runs on macOS.
- Exploring possibility of publishing online and hosting playable game demo on sites like itch.io.

Web Development Portfolio (Personal Project)
My personal & portfolio websites

HTML, CSS, JavaScript
June 2023 — Present

- Developed and designed a personal website and a portfolio website using HTML, CSS, and JavaScript.
- Published and hosted personal website on neocities.org; has garnered over 1,800+ visits alone.
- Planning on implementing web frameworks and JavaScript libraries to improve the look, feel, and functionality of both websites.

Impact of COVID-19 (UIC Course Project)
Data science group project

Python, Jupyter Notebook, pandas, NumPy, Matplotlib
January 2022 — May 2022

- Collaborated in a four-person team to analyze the impact of vaccines on COVID-19 cases.
- Utilized various Python libraries to perform data analysis on COVID-19 datasets provided by WHO to synthesize a data report.
- Hosted team meetings over Discord and developed data visualizations on the WHO datasets.
- Presented the data report to entire class and answered questions from other students regarding the project.

Skills

Programming Languages: C, C++, Java, C#, Python, JavaScript, HTML, CSS, SQL, \LaTeX , MATLAB, R, Scala, F#

Frameworks & Libraries: JUnit, Node.js, React, TCP/IP; pandas, NumPy, Matplotlib

Developer Tools: Git, VS Code, Eclipse, IntelliJ, Visual Studio, Bash, CLI, Jupyter Notebook, Google Cloud Platform, Docker

Software: Linux, macOS, Microsoft Windows, Adobe Photoshop, Adobe Illustrator, Adobe Premiere Pro, Autodesk Inventor

Hardware: Soldering, Arduino/Breadboard wiring, Additive/Subtractive manufacturing, Welding

Certifications: Networking Foundations: Networking Basics – LinkedIn, February 2020