

# Ian Lulu

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## Summary

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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

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

Chicago, IL  
December 2022

## Skills

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**Programming Languages:** C, C++, Java, C#, Python, JavaScript, HTML, CSS, SQL,  $\text{\LaTeX}$ , MATLAB, R, Scala, F#  
**Frameworks & Libraries:** JUnit, Node.js, React; pandas, NumPy, Matplotlib  
**Developer Tools:** Git, VS Code, Eclipse, IntelliJ, Visual Studio, 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*

## Research Experience

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**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.

## Work Experience

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**Technology Solutions, UIC**  
*IT Support Specialist*

Chicago, IL  
January 2020 – December 2021

- Assisted network engineers with troubleshooting and maintaining computer networks throughout the university's two campuses.
- 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 3-5 support tickets per shift.
- Maintained and contributed to documentation of university's computer network for easier troubleshooting in the future.

## Projects

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### MyTetris

*A recreation of the classic game*

Java, Maven, Git  
October 2023 – Present

- Developed 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](https://itch.io).

### Web Development Portfolio

*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](https://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 data science 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.
- Tasked with hosting team meetings over Discord and developing data visualizations on the datasets.
- Presented the data report to entire class and answered questions from other students regarding the project.