

JASON LU

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EDUCATION

NORTHWESTERN UNIVERSITY • EVANSTON, IL

SEPTEMBER 2021 - JUNE 2025

MASTER AND BACHELOR OF SCIENCE IN COMPUTER SCIENCE

- **McCormick School of Engineering | Data Science and Engineering Minor | GPA: 3.72/4.00**
- **Relevant Coursework:** C/C++ Programming | Data Structures and Algorithms | Introduction to Electrical Engineering
- **Activities:** Northwestern University Financial Technology | Society of Asian Scientists and Engineers

SKILLS

Languages • Java, Python, C, C++, MATLAB, HTML, CSS, JavaScript, Markdown, Racket, SCSS

Technologies • Git, GitHub, UNIX Shell, Firebase, Jekyll, WebSocket, NodeJS

Frameworks • React, jQuery, Bootstrap

TECHNICAL PROJECTS

System Infrastructure | Northwestern Financial Technology Group

- Developed and documented storage paradigms for 5+ data input streams using Python multiprocessing library
- Integrated and developed APIs to allow other teams to query requisite data more easily and efficiently
- Coordinated with leadership and technical teams to better integrate APIs and backend WebSocket infrastructure

Pac-Man++ | Fundamentals of C/C++ Programming

- Constructed Pac-Man clone from scratch using GE211 game engine in C++ dev environment with Git version control
- Built user-interactive GUI using Model-View-Controller architectural pattern to enable player-driven gameplay
- Designed multiple level progression with custom sprites, 2D hitboxes, event handlers, and conclusive unit-testing

Web Portfolio | Lujason.com

- Developed custom HTML, CSS, JS, and Markdown snippets to host personal projects and applications on the web
- Employed streamlined static web hosting by using Jekyll and GitHub pages to optimize development to deployment time

Condominium Bike Storage System | Design Thinking & Communication

- Designed and constructed cost-efficient and accessible bike storage solution for condominiums in the Chicago area
- Conducted design testing, client user interviews, and presented final prototype, report, and summary at design expo
- Improved condo storage efficiency by 200% and significantly reduced bodily strain associated with bike mounting

EXPERIENCE

SOCIETY OF ASIAN SCIENTISTS AND ENGINEERS • EVANSTON, IL

SEPTEMBER 2021 – PRESENT

HEAD OF EVENTS COMMITTEE

- Spearheaded team of 8 to organize and host pre-professional and social workshops, bolstering professional readiness
- Developed interpersonal networks for general member population of over 300 students by hosting weekly meetings

THE GARAGE AT NORTHWESTERN • EVANSTON, IL

OCTOBER 2021 – JUNE 2022

COMPUTER CONSULTING AIDE

- Instructed students and faculty on the operation of commercial VR/AR platforms cultivating technology interest
- Supervised the use of 3D printing, laser cutting, and electronic equipment to jumpstart prototyping for startups
- Trained on and operated AV equipment to support weekly entrepreneurial and workshop events

MICRO CENTER ELECTRONICS • WESTMONT, IL

JUNE 2021 – SEPTEMBER 2021

CUSTOMER SERVICE REPRESENTATIVE

- Excelled in bolstering sales using knowledge of Processors, Random Access Memory, and Solid-State storage systems
- Demonstrated excellent understanding of electronic systems recommending custom computer components to clients