

Matthew Caballero

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Experience/Activities

Loyola Chicago ITS Service Desk, Chicago - *Technician*

June 2022 - Present

- Helped diagnose, troubleshoot, and resolve issues related to software, hardware, and network connectivity
- Utilized Ivanti ISM to document and escalate technical problems
- Maintained, monitored, and supported Windows and Mac systems, ensuring system stability and performance
- Trained and mentored new team members, and managed user accounts using Azure, Active Directory, and BI systems

Loyola Chicago Computer Science Tutor, Chicago - *CS Tutor*

August 2024 - Present

- Provided one-on-one guidance to students, troubleshooting programming issues and debugging code
- Simplified complex concepts in algorithms and data structures for various students
- Supported students in learning different areas of technology

Cultural Dance Choreographer, Chicago - *Choreographer*

January 2022 - May 2023

- Led a diverse group of 70+ students while fostering teamwork, discipline, and cultural appreciation
- Encouraged open communication among team members and embraced constructive feedback on the dance
- Organized and managed schedules for practices, ensuring smooth experience with tight deadlines
- Demonstrated adaptability and problem-solving by addressing last-minute challenges before performances

Projects

Mental Health Wellness App | *HTML, CSS, JavaScript, Firebase* | Hackathon Project

Apr 2024

- Created a dynamic website to create an online safe space for young people with mood tracking & community forums
- Used JavaScript to interact with a **Firestore** backend, adding **user authentication**, mood tracking, and community messaging
- Customized the front end with **HTML & CSS**

32-bit Operating System | *C, Assembly*

Jan - May 2023

- Built using **C** and **Assembly** in VMware running **Linux Ubuntu** and **QEMU emulator**
- Wrote drivers for I/O polling, virtual memory, FAT16 file system, and terminal writing
- Added functionality for locating files, reading from files, and using a page frame allocator for memory management

Full Stack Public Restroom Finder App | *React.js, MongoDB, Express, Node.js*

Sept 2023 - Jan 2024

- Built a responsive app using **React.js** that lets users view & add information about public restrooms using a live map
- Implemented backend with **MongoDB**, which communicates with front end using **Express** and **Node.js**
- Represented restroom locations using a live React Leaflet map which users can edit

Learning Management Site | *Python Django*

Sept 2023 - May 2024

- Developed a responsive learning site to educate about safety and best practices for AI
- Deployed Django relational models to generate **SQL** tables for courses, modules, workshops, labs, and assignments
- Utilized **CRUD** operations to allow users to edit relational models, depending on roles from **user authentication**

Technical Skills

Certifications: AWS Certified Cloud Practitioner, CompTIA A+, CompTIA Network+ (In Progress)

Programming languages: Python, JavaScript (React.JS, Node.JS), Java, C, HTML, CSS, Assembly, SQL, PostgreSQL

Development and Tools: VMWare, Git, Vim, AWS S3, Active Directory, Microsoft Azure, Ivanti ITSM, TeamDynamix ITSM

Operating Systems: Windows, Linux, MacOS

Education

Loyola University Chicago, Chicago, Illinois

Master of Science in *Computer Science*, GPA 3.89

Bachelor of Science in *Computer Science*, GPA 3.77

Relevant Coursework: Discrete Structures, Introduction to Object-Oriented Programming, Intermediate Object -Oriented Programming, Introduction to Computer Systems, Data Structures I, Data Structures II, Introduction to Computing Tools, Design and Analysis of Computer Algorithms, Operating Systems, Programming Languages, Machine Learning, Database Administration