# Matthew Caballero

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## EDUCATION

**Loyola University Chicago**                                                                 **Expected Graduation: May 2025**

Bachelor of Science in Computer Science expected May 2024

Master's Degree in Computer Science expected May 2025

**GPA**: 3.84/4.00, Dean's List for 6 semesters

**Coursework**: Discrete Math, Obj-Oriented Programming, Data Structures and Algorithms, Operating Systems, Design and Analysis of Computer Algorithms, Network Security

## PROJECTS

**Discord Bot** (Python, CTA Train Tracker API)                                                          **September 2023**
- Employed the Python Discord library to create a chatbot capable of handling user commands
- Integrated the CTA Train Tracker API to fetch real-time and precise train arrival information
- Used BeautifulSoup for parsing API responses and utilized datetime library for time conversion

**Cybersecurity Education Site** (Python Django, Auth0, Research project)               **September 2023 - Present**
- Developed a comprehensive database of cyber attack and defense information using Django's relational models
- Implemented Django views and models, showcasing them through the Django REST framework
- Ensured user security and personalized experiences by integrating Auth0 for authentication and authorization
- Handled automated testing using Python's unit testing framework, unittest

**Hack and Slash Video Game** (Pygame)                                                                        **May 2023**
- Utilized Pygame to create a game featuring a storyline and a goal progression system
- Implemented multi-directional character movement, a point-and-click aiming system, and an intelligent enemy aggression algorithm

**Portfolio Website** (Html, CSS, JavaScript) *cabmatthew.github.io*                                    **August 2023**
- Customized using HTML, CSS, and JavaScript

## Experience/Activities

**Loyola Chicago ITS Service Desk,** Chicago - *Technician*                                   **June 2022 - Present**
- Provided consistently exceptional technical support to over 50 customers per shift during peak hours
- Managed incoming calls and emails, diagnosed tech issues, and maintained systems
- Supported customers with diverse hardware and operating systems for applications
- Oversaw the ticketing system, consistently generated 50+ error-free tickets per shift, and trained 10+ new team members

**Cultural Dance Coordinator**, Chicago - *Coordinator*                                   **September 2022 - May 2023**
- Contributed to choreographing the award-winning dance for Battle of the Bamboo competition
- Led and fostered teamwork, discipline, and cultural appreciation in a diverse group of 70+ students
- Offered mentorship and boosted the skills and confidence of individual dancers
- Encouraged open communication among team members and embraced constructive feedback on the dance

**KO Kung Fu**, San Jose - *Student Instructor*                                          **October 2016 - March 2020**
- Worked with instructors to develop innovative teaching techniques
- Applied experience-based analysis to tailor teaching methods to student abilities
- Demonstrated commitment by persevering through long hours of martial arts training
- Performed with high energy under pressure to advance through belt ranks

## Skills

**Programming languages**: Python, Java, C, HTML, CSS, JavaScript (React.js), Assembly, SQL

**Development and Tools**: Linux, Git