

Matt Cadena

(313) 268-3850 [linkedin.com/in/matt-cadena](https://www.linkedin.com/in/matt-cadena) mcadena@andrew.cmu.edu

SUMMARY

Ambitious Information Systems junior seeking a software engineering internship, bringing creativity and technical proficiency to a dynamic team

EDUCATION

Carnegie Mellon University, Pittsburgh, PA May 2026
Bachelor of Science in Information Systems *Current GPA: 3.88/4.00*
Minors in Sonic Arts, Computer Science, Artificial Intelligence

Divine Child High School, Dearborn, MI May 2022
High School Diploma *GPA: 4.69/4.00*

RELEVANT COURSEWORK

Principles of Imperative Computation (Data Structures), Intro to Computer Systems, Application Design and Development, Principles of Functional Programming, Database Design and Development

SKILLS

Languages: JavaScript, Python, C, Ruby, SML, SQL, HTML, CSS
Tools: Git, React, Jest, PostgreSQL, MongoDB, GitHub Actions, GCP, LaTeX, Max/MSP

EXPERIENCE

Ford Motor Company | Software Engineer Intern, *Dearborn, MI* May 2024 - August 2024

- Developed an internal Call Center Agent tool using React, featuring advanced search functionality that displays article results, replacing an outdated system
- Eliminated 30-second timer discrepancy in Lean Coffee application, ensuring seamless experience across clients
- Mentored new interns, reducing their time to productivity from three days to one by creating comprehensive onboarding guide and providing personalized guidance

Carnegie Mellon University | Research Assistant, *Pittsburgh, PA* May 2023 - August 2023

- Cleaned and analyzed data, wrote case studies of self-coups/revolutionary events in LaTeX, and created bibliographic entries for the Historical Dictionary of Modern Self-Coups

PROJECTS

Gotham City Department Tracker ([GitHub](#)) | *Ruby on Rails, React, MySQL* August 2024

- Developed a full stack CRUD application with a custom API, authentication, and dynamic UI
- Utilized MVC architecture for efficient code organization and MySQL for database management

NBA Tic-Tac-Toe ([GitHub](#)) | *Python, Django, Postgres, JavaScript, HTML/CSS* December 2023

- Developed a full-stack web application featuring an interactive NBA Tic-Tac-Toe game as a personal project
- Connected to Postgres database to access NBA data and wrote dynamic queries to verify user answers
- Experimented with Google's Image-Search API to dynamically access player head shots

NCAA ATHLETICS: MEN'S SOCCER

Leadership Group, Class Leader: facilitated monthly open discussions among other class leaders and coaches, representing views and concerns of classmates in order to foster success and growth both on and off the field

Philanthropy Leader: Organized, and led meaningful initiatives with Pittsburgh charities, food banks, and elementary schools

Soft skills: navigating a demanding athletics schedule at a rigorous university has cultivated skills in attention to detail, time management, and organizational proficiency