Matt Cadena

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SUMMARY

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

EDUCATION

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

EXPERIENCE

Nextdoor, San Francisco, CA — May 2025 – Aug 2025
Software Engineer Intern (Notifications)
- Boosted Local News email engagement by improving comment-ranking logic; A/B tests increased CTR by 14.8%, email-triggered daily active users by 0.67%, and overall daily active users by 0.54%
- Personalized Trending Post emails by integrating user preference data into a high-scale production backend system (200M+ daily sends); launched to 11.6M sends, adding 130K clicks and 0.5% daily active users without raising unsubscribe rates
- Built the Notification Ranker Simulator, a React and GraphQL tool for instant inspection of ML-driven rankings; cut query time 97% (6 min → 10 sec) and accelerated debugging for safer, faster feature development

Ford Motor Company, Dearborn, MI — May 2024 - August 2024
Software Engineer Intern
- 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Call Center Agent tool using React, featuring advanced search functionality that displays article results, replacing an outdated system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 meeting app, ensuring seamless experience across clients
- Mentored new interns, reducing their time to productivity from three days to one by creating a comprehensive on-boarding guide and providing personalized guidance

Carnegie Mellon University, Pittsburgh, PA — Fall 2025 - Present
Teaching Assistant — 15-210: Parallel and Sequential Data Structures and Algorithms
- Taught recitations and held office hours, breaking down complex algorithmic concepts into clear, approachable explanations for students

NCAA ATHLETICS: VARSITY MEN'S SOCCER

Leadership Group, Class Leader: Facilitated open cross-functional communication among teammates and coaches, fostering a collaborative environment and aligning diverse perspectives

Philanthropy Leader: Coordinated team-wide service efforts with local charities, food banks, and schools, strengthening community partnerships and outreach

Soft skills: Developed strong time management, pragmatism, organizational proficiency, and a consistent focus on impact-oriented results

RELEVANT COURSEWORK

- Intro to Computer Systems
- Functional Programming Principles
- Parallel and Sequential Data Structures and Algorithms
- Foundations of Software Engineering
- Application Design and Development
- Information Systems Software Development Project
- Intro to Machine Learning
- Intro to Deep Learning
- Artificial Intelligence: Representation and Problem Solving

SKILLS

Languages: Python, JavaScript, C, Swift, Ruby, Standard ML, SQL, HTML, CSS
Tools & Libraries: Git, React, GraphQL, Datadog, PostgreSQL, MongoDB, PyTorch, GitHub Actions, GCP, AWS