

# Carson J. Radtke

Computer Science and Mathematics Double Major

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<https://nosrac.me>

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## Education

**University of Wisconsin – Milwaukee** (Sep. 2018 – Dec. 2021)  
B.S. in Computer Science  
B.A. in Mathematics

Overall GPA: 3.96/4.00  
Dept. GPA: 4.00/4.00  
Dept. GPA: 3.95/4.00

## Employment

*University of Wisconsin – Milwaukee / Milwaukee, WI*

**CEAS Student Mentor** (Aug. 2019 – Present)

- Share personal experiences to assist engineering students throughout college
- Lead weekly discussions on topics ranging from studying techniques to mental health
- Hold office hours to meet with students one on one and help guide them to their goals

*University of Wisconsin – Milwaukee / Milwaukee, WI*

**CEAS Tutor** (Aug. 2019 – Present)

- Tutor engineering students in their computer science, mathematics, and physics courses
- Subjects include: Calculus I-III, Data Structures and Algorithms, Differential Equations, Discrete Mathematics, Linear Algebra, Physics I & II

*CaraFlow / Milwaukee, WI*

**Software Development Intern** (Jan. 2019 – Present)

- Develop and support a full-stack, cloud-based, inventory management solution
- Implement new software features for mobile and web data capture solutions
- Utilize Azure services for cloud DBs, IoT device monitoring, and web applications
- Assist in IoT hardware design, research, and development

## Experience

**FIRST Robotics Competition (FRC) Programmer** (Sep. 2014 – Jun. 2018)

- Wrote software to control robot functions using Java and Python
- Designed algorithms to autonomously navigate the game field
- Taught incoming students Java and how to work safely with electronics

## Achievements

- UWM Dean's Honors List – Fall 2018, Spring 2019, Fall 2019
- AP Scholar with Distinction – Summer 2018

## Skills

- CompSci courses in Compilers, Computer Security, Data Structures & Algorithms
- Math courses in Differential Geometry, Modern Algebra, Real Analysis
- Proficient in C, C#, Java, JavaScript, Python, Scala
- Soft skills include: Attention to Detail, Critical Thinking, Problem Solving, Teamwork