

# Abraham Michel

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## EDUCATION

**North Carolina State University – Raleigh, NC**

*Aug 2025 – Expected May 2030*

Ph.D. in Computer Science

*Research Interests*

- CS Education
- Game Development

**Loras College – Dubuque, IA**

*Aug 2020 – May 2025*

GPA: 3.6181 / 4.000

Bachelor of Science in Electro-Mechanical Engineering and Computer Science

Minors: Mathematics, Analytics, Physics, and Psychology

## AWARDS

**Rechenmacher Creativity Award 2025**

**Michael R Neavins Award 2023**

**Top Student in Computer Science Award 2025**

**Top Student in Engineering Award 2025**

## TEACHING EXPERIENCE

**Teaching Assistantship – Raleigh, NC**

*Aug 2025 – Present*

- Grade assignments and provide constructive feedback to enhance student development.

**Supplemental Instructor – Loras College, Dubuque, IA**

*Aug 2023 – May 2025*

*Intro to Robotics, Physics I, Physics II (x2), and Numerical Methods*

- Provided additional whole group, small group, and individual instruction under the SI program.
- Led lab sessions and offered constructive feedback.
- Taught fundamentals of coding to build a foundation for implementing numerical methods in MATLAB.

## PROFESSIONAL EXPERIENCE

**Private Tutor – Dubuque, IA**

*Feb 2025 – May 2025*

- Created material for one-on-one tutoring sessions to aid students in understanding class material.

**Software Test Architect – Deere & Co, Dubuque, IA**

*Feb 2023 – Jun 2024*

- Developed, executed, and reviewed test plans for various obstacle intelligence software applications in development for utilization in heavy machinery.
- Developed and maintained tools utilized on small team and department-wide scales.

## CONFERENCE ATTENDANCE

**Legacy Symposium 2021-2025 – Dubuque, IA**

**Lockheed Martin Ethics in Engineering Competition 2025 – Bethesda, MD**

**Society of Women Engineers Conference 2023-2024 – Los Angeles, CA, Chicago, IL**

**American Association for the Advancement of Science S-STEM Conference 2023 – Washington, DC**