

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