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 – Dec 2025*
- Graded assignments and provided constructive feedback to enhance student development for CSC379.

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

Research Assistant – *CEREAL Lab, Raleigh, NC*   *Jan 2026 – Present*
- Doing research on struggle detection through activity logs in block-based programming.

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*