

Riley Annis

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EDUCATION

MICHIGAN STATE UNIVERSITY MS IN COMPUTER SCIENCE

Expected May 2019 | East Lansing, MI
College of Engineering
Specialization in Theory of Computation

MICHIGAN STATE UNIVERSITY BS IN COMPUTER SCIENCE

Expected May 2018 | East Lansing, MI
College of Engineering
Honors College
Cum. GPA: 3.79 / 4.0
Major GPA: 3.91 / 4.0

MICHIGAN STATE UNIVERSITY BS IN MATHEMATICS

Expected May 2018 | East Lansing, MI
College of Natural Science
Honors College
Cum. GPA: 3.79 / 4.0

LINKS

Github:// [rileyannis](#)
LinkedIn:// [rileyannis](#)

COURSEWORK

GRADUATE

Artificial Intelligence
Machine Learning
Neural Networks
Computer and Network Security

UNDERGRADUATE

Algorithm Engineering
Translation of Programming Languages
Computer Networks
Logic and its Metatheory
Discrete Mathematics
Honors Abstract Algebra
Honors Real Analysis

SKILLS

PROGRAMMING

Proficient
C++ • C • Python • Assembly
Familiar
C# • .NET • Qt • HTML • CSS • \LaTeX

TECHNOLOGIES

Windows • Linux • Git • Bash • Vim

EXPERIENCE

MICHIGAN STATE UNIVERSITY | GRADUATE ASSISTANT

Aug 2017 - Present | East Lansing, MI

- Currently working as a teaching assistant for CSE 450, Translation of Programming Languages (Compilers).
- Responsibilities include working office hours, answering student questions, and providing feedback on course structure.

EPIC | SOFTWARE DEVELOPMENT INTERN

May 2017 - Aug 2017 | Verona, WI

- Gained experience in a corporate environment, including work in C# and .NET.
- Led the research, design, and implementation of a novel project set to be added to a future release of Epic software.

MICHIGAN STATE UNIVERSITY | TEACHING ASSISTANT FOR CSE 231

Aug 2016 - May 2017 | East Lansing, MI

- Ran lab sessions and worked helproom hours for Intro to Programming I (Python).
- Wrote two new projects with a focus on classes for future use in the course.

MICHIGAN STATE UNIVERSITY | TEACHING ASSISTANT FOR MTH 110

Aug 2015 - May 2016 | East Lansing, MI

- Led recitation for Finite Mathematics and Elements of College Algebra.
- Worked in the Math Learning Center tutoring courses from college algebra up through calculus.

MICHIGAN STATE UNIVERSITY | PROFESSORIAL ASSISTANT

Aug 2014 - May 2016 | East Lansing, MI

- Worked in the MSU Digital Evolution Lab (devolab) under Dr. Charles Ofria.
- Lead work on a research project involving genetic algorithms and evolutionary computation.

AWARDS

Apr 2017	2nd Place Team	Chicago Google Games hosted by Google
Oct 2016	1st Place Team	Atomic Games hosted by Atomic Object

LEADERSHIP

Since Sept 2017	Swag Coord.	Spartahack 2018 Executive Board
Since Aug 2017	UG Rep.	MSU CSE Department Advisory Committee
Since Jan 2017	Treasurer	Association for Computing Machinery at MSU
Since Aug 2016	President	MSU Parkour and Freerunning Club
2010 - 2014	Captain	First Robotics Competition Team 3452

SOCIETIES

Since Apr 2016	Top 7.5 percentile	The Honor Society of Phi Kappa Phi
Since Apr 2016	Top 12.5 percentile	Tau Beta Pi Engineering Honor Society