

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
Cum. GPA: 4.0 / 4.0

MICHIGAN STATE UNIVERSITY

BS IN MATHEMATICS

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

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: 3.88 / 4.0

LINKS

Github:// [rileyannis](#)

LinkedIn:// [rileyannis](#)

COURSEWORK

GRADUATE

Design and Theory of Algorithms
Algorithmic Graph Theory
Artificial Intelligence
Machine Learning
Artificial Neural Networks
Pattern Recognition and Analysis
Natural Language Processing
Computer and Network Security

UNDERGRADUATE

Algorithm Engineering
Translation of Prog. Languages
Organization of Prog. Languages
Computability and Languages
Computer Networks
Database Systems
Logic and its Metatheory
Discrete Mathematics
Honors Abstract Algebra
Honors Real Analysis

SOCIETIES

Tau Beta Pi Engineering Honor Society
The Honor Society of Phi Kappa Phi

EXPERIENCE

MICHIGAN STATE UNIVERSITY | GRADUATE ASSISTANT

Aug 2017 - Present | East Lansing, MI

- Currently working as a teaching assistant for CSE 431, Algorithm Engineering.
- Previously worked as a teaching assistant for CSE 450, Translation of Programming Languages (Compilers).
- Responsibilities include working office hours, answering student questions, grading assignments, and providing feedback on course structure.

EPIC | SOFTWARE DEVELOPMENT INTERN

May 2017 - Aug 2017 | Verona, WI

- Gained experience in a corporate environment working with 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 using Python.

SKILLS

Proficient

Python • C++ • C • Assembly

Familiar

C# • Java • JavaScript • Haskell • Rust • Scala • Clojure • Erlang • SQL • Bash

AWARDS

| | | |
|----------|----------------|--|
| Oct 2017 | Completed | Google foo.bar Challenge |
| Oct 2017 | 1st Place Team | 2017 MSU Google Games hosted by Google |
| Apr 2017 | 2nd Place Team | 2017 Chicago Google Games hosted by Google |
| Oct 2016 | 1st Place Team | 2016 Atomic Games hosted by Atomic Object |

LEADERSHIP

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