

Riley Annis

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EDUCATION

MICHIGAN STATE UNIVERSITY MS IN COMPUTER SCIENCE

Expected May 2019 | East Lansing, MI
Specialization in Theory of Computation
Cum. GPA: 4.0 / 4.0

MICHIGAN STATE UNIVERSITY BS IN MATHEMATICS

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

MICHIGAN STATE UNIVERSITY BS IN COMPUTER SCIENCE

May 2018 | East Lansing, MI
Honors College
Graduation with Honor
Cum. GPA: 3.79 / 4.0
Major GPA: 3.88 / 4.0

LINKS

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

COURSEWORK

In Progress

Design and Theory of Algorithms
Algorithmic Graph Theory
Machine Learning
Pattern Recognition and Analysis
Natural Language Processing

Completed

Artificial Intelligence
Artificial Neural Networks
Computer and Network Security

SKILLS

Proficient

Python • C++ • C • Assembly

Familiar

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

SOCIETIES

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

INDUSTRY EXPERIENCE

MICHIGAN STATE UNIVERSITY | CSE 491 CAPSTONE EXPERIENCE

Jan 2018 - May 2018 | East Lansing, MI

- Worked with a team of peers on a semester-long project for an industry client.
- Constructed a web application with C# and React, utilizing a Hyperledger Fabric blockchain for a permanent ledger of interactions.

EPIC | SOFTWARE DEVELOPMENT INTERN

May 2017 - Aug 2017 | Verona, WI

- Gained experience in an industry environment working with C# and .NET.
- Led the research, design, and implementation of a novel project implemented in a release of Epic software.

ACADEMIC EXPERIENCE

MICHIGAN STATE UNIVERSITY | EAST LANSING, MI

GRADUATE ASSISTANT | Aug 2017 - Present

- 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.

TEACHING ASSISTANT FOR CSE 231 | Aug 2016 - May 2017

- 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.

TEACHING ASSISTANT FOR MTH 110 | Aug 2015 - May 2016

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

PROFESSORIAL ASSISTANT | Aug 2014 - May 2016

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

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

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