Riley Annis

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2575 Bell Circle, Stevensville, MI 49127

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

COURSEWORK

GRADUATE
Completed
Design and Theory of Algorithms
In Progress
Artificial Intelligence
Machine Learning
Neural Networks
Computer and Network Security

UNDERGRADUATE
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
Passing Knowledge
Haskell • Java • JavaScript • XML
R • Visual Basic

TECHNOLOGIES
Windows • Linux • Git • Bash

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 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).
- Utilized past leadership and teaching experience to instruct new computer science students.
- 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.
- Developed leadership and communication skills through assisting in undergraduate mathematics instruction.
- 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 in genetic algorithms and evolutionary computation.
- Gained valuable experience in the academic research process.

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 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 Comptetion 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