Riley Annis

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2575 Bell Circle, Stevensville, MI 49127

EDUCATION

MICHIGAN STATE UNIVERSITY
M.S. in Computer Science
Expected May 2019 | East Lansing, MI
Specialization in Theory of Computation

B.S. in Mathematics
Expected Dec 2018 | East Lansing, MI
Honors College
Cum. GPA: 3.81 / 4.0

B.S. in Computer Science
May 2018 | East Lansing, MI
Honors College
Graduation with Honor

LINKS

Github:// **rileyannis**
LinkedIn:// **rileyannis**

GRAD COURSEWORK

In Progress
Design and Theory of Algorithms
Algorithmic Graph Theory
Machine Learning
Data Mining
Pattern Recognition and Analysis

Completed
Artificial Intelligence
Artificial Neural Networks
Computer and Network Security

PROGRAMMING SKILLS

Proficient
Python • C++ • C
Familiar
C# • Java • JavaScript • Haskell • SQL
Rust • Scala • Clojure • Bash • Assembly

AWARDS

Completed the Google foo.bar Challenge
1st Place, 2017 MSU Google Games
2nd Place, 2017 Chicago Google Games
1st Place, 2016 Atomic Games

SOCIETIES

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

INDUSTRY EXPERIENCE

EPIC | Software Development Intern
May 2018 - Present | Verona, WI
- Working on the Cognitive Computing - Data Science team on a project involving natural language processing and neural networks in Python.
- Constructing models to be trained on medical notes in order to provide discrete information to medical practitioners.

MICHIGAN STATE UNIVERSITY | CSE 498 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 record of interactions.

EPIC | Software Development Intern
May 2017 - Aug 2017 | Verona, WI
- Gained experience in an industry environment working with C# and .NET to develop a web application for the EpicCare-Link team.
- Led the research, design, and implementation of a novel project deployed in a release of Epic software to improve sharing of patient information.

ACADEMIC EXPERIENCE

MICHIGAN STATE UNIVERSITY | East Lansing, MI
Graduate Assistant | Aug 2017 - Present
- Previously worked as a teaching assistant for CSE 450, Translation of Programming Languages (Compilers), and for CSE 431, Algorithm Engineering.
- Responsibilities include holding office hours, answering student questions, grading assignments, and providing feedback on course structure.

Teaching Assistant for CSE 231 | Aug 2016 - May 2017
- Led lab sessions and 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
- Guided recitations for Finite Mathematics and Elements of College Algebra.
- Worked in the Math Learning Center tutoring college algebra through calculus.

Professorial Assistant | Aug 2014 – May 2016
- Worked in the MSU Digital Evolution Lab (devolab) under Dr. Charles Ofria.
- Led efforts on a research project involving genetic algorithms and evolutionary computation using Python.

LEADERSHIP

June 2018 - Present	Grad Rep.	MSU CSE Departmental Meetings
Apr 2018 - Present	Organizer	SpartaHack V Executive Board
Aug 2016 - Present	President	MSU Parkour and Freerunning Club
Aug 2017 - May 2018	UG Rep.	MSU CSE Department Advisory Committee
Sept 2017 - Mar 2018	Swag Coord.	SpartaHack IV Executive Board
Jan 2017 - Dec 2017	Treasurer	Association for Computing Machinery at MSU
Aug 2010 - June 2014	Captain	First Robotics Competition Team 3452