

# Grant Merlin King

[www.grantmking.com](http://www.grantmking.com)

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## EDUCATION

### Michigan State University

*B.S. - Computer Science – GPA 3.9*

May 2016

Minors: Mathematics, Game Design

*M.S. – Computer Science*

December 2017

## EXPERIENCE

### Graduate Teaching Assistant, Computer Science

August 2016 - Present

Michigan State University, East Lansing, MI

- Assisted students in creating a compiler through a series of progressive projects

### Software Engineering Intern

May 2016 - August 2016

IBM Columbus Lab, Dublin, OH

- Constructed an application to bridge a third-party interface with existing cloud services

### Research Assistant, Computer Science

May 2015 – May 2016

Michigan State University, East Lansing, MI

- Designed and implemented a visual programming language for work with 4-6<sup>th</sup> graders

### Teaching Assistant, Computer Science

January 2015 – December 2015

Michigan State University, East Lansing, MI

- Developed scripts to automate and simplify grading of student projects

### Java Developer & IT Support

May 2014 - May 2015

Michigan State University Geographic Information Systems, East Lansing, MI

- Independently created a non-compressing, archiving file format specification

## ACTIVITIES/AWARDS

### Virtual Reality Training and Inspection Tool

January 2016 – May 2016

- “Most Technically Challenging” project award given to Senior Design project

### Virtual Reality Soccer with Alexa eSports Integration

February 2016

- Awarded Amazon’s First Place “Best Alexa Integration” at SpartaHack 2016

### President, Tau Beta Pi Engineering Honor Society

January 2015 – December 2015

- MSU Student Service Award for organizing and hosting District Conference
- Received signed letter of recognition from the National Executive Council

## INTERESTS

## SKILLS

Virtual Reality	Machine Learning	C/C++	C#/Unity
Evolutionary Computation	Simulation	Java	PHP
Human Computer Interaction	Computer Vision	Python	JavaScript
Autonomic Computing	Game Design	Database Systems	HTML/CSS