

Grant Merlin King

www.grantmking.com

4465 Kenneth Drive, Apt. D201 East Lansing MI, 48864

231.670.3772 kinggra1@msu.edu

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 4-6th 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