Grant Merlin King
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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
- Increased accessibility by bridging 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