

Cameron Lamar Hopkins

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EDUCATION

B.S. Computer Science and Engineering

GPA: 3.04/4.0

Minor: Studio Art

The Ohio State University, Columbus, OH

Graduated: May 10, 2015

WORK EXPERIENCE

Nationwide Insurance, Columbus, OH

Collaboration IT Resource (*Software Engineer*)

June 2016 – Present

- Create and develop new software entities that advance Nationwide's IT Department production and efficiency.

General Motors Company, Warren, MI

Vehicle Systems (*Controls Engineer*)

June 2015 – June 2016

- Managed the installation of new conveyor systems and ran verification checklists to exceed quality expectations and uphold all standardized work within General Motors.

Vehicle Operations (*Software Engineering Intern*)

May 2014 – August 2014

- Developed a helper application to parse, decipher, and extract the contents of XML files. Used the application to manage vehicle information to update vehicle database and testing.
- Designed an application programming interface to update an existing code revision system, to prevent code leak, and prevent major code replacement.

General Assembly Execution (*Software Engineering Intern*)

May 2013 – August 2013

- Traveled to various plants across Michigan, as well as Canada and Mexico to help understand and maintain the communication between plant differences for future plant design.
- Developed an automated software program that managed the timeline production of vehicles. Added features that identified the amount of work/man hours per week which determined where General Motors can reduce the cost of production.

Conveyor Group (*Software Engineering Intern*)

June 2012 – August 2012

- Restructured a GM software application to help generate drawings for control based software equipment for a more efficient manufacturing process.
- Developed a program that read xml files to populate the user interface which helped the user decide functionality for robot commands. Produced a bridge application to give assistance to programmers when developing robot control functionality.

Air Force Research Lab, Dayton, OH

June 2011 – August 2011

Research Game/Virtual Team (*Software Engineering Intern*)

- Applied Java to develop an Android application that recreated the War Gaming experience. Used scripting language to link the application to the virtual world to trigger that War Game with real time effect.
- Developed multiple applications to build knowledge on the Android platform to enhance the visual and coding effects of the War Game on the Android Phone.

PROJECT EXPERIENCE

Graduate Level Game Design Project

Spring 2015

- Collaborated with one other classmate that brought together aspects of a third person role playing game that allowed users to experience and understand gender roles in other cultures through a PC video game.
- Used C#, Java Script and Unity to develop character controls, graphical user interfaces, and environment design.

Graduate Level Game Design Project

Fall 2014

- Collaborated with one other classmate that brought together aspects of a first person role playing memory game that allowed users to understand memory.
- Used C# and Unity to develop character controls, graphical user interfaces, level design, and environment actions.

Senior Capstone Game Design Project

Spring 2014

- Collaborated with a team of five other classmates to develop a senior capstone video game that was fun, interesting and interactive to be playable on the PC.
- Worked on artificial intelligence, character controls, graphical user interfaces, and the artsy aspect of the game.

Android Security Project

Autumn 2013

- Collaborated with a team of five and developed an Android application that gave the user the ability to put a theft protection lock on their phone.
- Used a geofencing algorithm (DBSCAN) to monitor user locations to help determine theft occurrences and locations.
- Created the application in an open ended way, so that the software can be manipulated and used for more than security purposes.

Hacking for Health Care Event

Autumn 2012

- Worked with a National Society of Black Engineers mentee to identify a problem humans would face in the health care industry. Used this problem to develop an Android application that could benefit the community and the health care industry.

Website Design Project

Spring 2011

- Collaborated with a team that designed and coded a website for two candidates running for Ohio States Undergraduate Student Government.

TECHNICAL SKILLS

Programming

- Skillful in Java, C#, VB.Net, Android/Java, XCode/Swift and Unity3D
- Knowledge in C++, C, Java Script, HTML, CSS

Game Design

- Skillful development in Unity3D
- UI Design
- Design Documentation

Software

- Knowledge in Autodesk Maya, Adobe Photoshop

LEADERSHIP EXPERIENCE

Phi Beta Sigma Fraternity Inc., Delta Omicron Chapter (*President*)

May 2014 – May 2015

- Managed an executive board to execute goals and programs. Developed programs for the entire year. Partitioned chairs for each program and service events. Held the chapter liaison position between other student organizations and faculty of Sorority and Fraternity to inform members of tasks, collaborations and responsibilities of the chapter.

Phi Beta Sigma Fraternity Inc., Delta Omicron Chapter (*Vice President*)

May 2014 – May 2015

- Developed a recruitment plan to increase membership and growth within the chapter. Managed all chapter committees that related to the business of the chapter.

Phi Beta Sigma Fraternity Inc., Delta Omicron Chapter (*Academic Chair*)

January 2013 – May 2015

- Developed a plan that emphasized academics to keep members focused on studying and homework. Developed academic goals, helped brothers identify better academic skills, and created an incentive program based on academic achievement.

Phi Beta Sigma Fraternity Inc., Delta Omicron Chapter (*Community Service Chair*)

January 2013 – December 2014

- Managed service hours of every member in the chapter as well as searched and provided new service opportunities for the fraternity.

Phi Beta Sigma Fraternity Inc., Delta Omicron Chapter (*Parliamentarian*)

January 2013 – May 2013

- Ensured that order is always present during chapter meetings while establishing Roberts Rules amongst the fraternity.

National Society of Black Engineers, Ohio State Chapter (*Vice President*)

May 2012 – May 2013

- Managed an executive board of 22 members to help execute national goals, such as academic excellence, professionalism, and service.

Ohio House of Science and Engineering (*Elementary School Volunteer*)

August 2010 – December 2013

- Volunteered at a variety of elementary schools preparing the students with experiences and education through STEM activities. Prompted students with open questions and explanations of how things work.

HONORS AND AWARDS

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| – Dean's List | May 2015 |
| – The Ohio State University Student Impact Award | May 2015 |
| – Outstanding Senior Award | Apr 2015 |
| – Volunteer of the Year Award | Apr 2015 |
| – Living the Ritual Award | Apr 2015 |
| – National Pan-Hellenic Council Brother of the Year Award | Apr 2015 |
| – Dean's List | Dec 2014 |
| – Dean's List | May 2014 |
| – University Involvement Award | Apr 2014 |
| – Volunteer of the Year Award | Apr 2014 |
| – Dean's List | Jun 2011 |