

# MORGAN E. MUYSKENS

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## EDUCATION

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### MICHIGAN STATE UNIVERSITY, COLLEGE OF ENGINEERING

*Bachelor of Science: Computer Science*

*Minor in Game Design and Development*

August 2014 – May 2018

3.52/4.0 cumulative GPA

## PROFESSIONAL EXPERIENCE

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### HUMANA

*Advanced Mobile Applications Engineer Intern*

Louisville, Kentucky

August 2016 – Present

- Works remotely over the school year, but was on-site during summer 2017.
- Enhances the MyHumana and Go365 mobile apps which have a combined total of over 50,000 daily active users.
- Development includes front-end work primarily for Android and back-end microservices work in C#.
- Utilizes Extreme Programming (XP) methodologies such as test-driven development, paired programming, code peer reviews, and week-long development cycles.

### HUMANA

*Mobile Applications Engineer Intern*

Louisville, Kentucky

May 2016 – August 2016

- Built a proof of concept Android application that was demoed at the end of the summer internship.
- Developed a Java RESTful API hosted on Pivotal Cloud Foundry which was consumed by our Android app.
- Attended product meetings, collaborated with designers, and worked alongside three other IT interns.

### MATRIX: CENTER FOR DIGITAL HUMANITIES & SOCIAL SCIENCES

*Web Developer*

East Lansing, Michigan

October 2015 – May 2016

- Created and maintained websites using PHP, HTML, CSS, and JavaScript.
- Worked closely with a designer to ensure constructed sites matched compositions.

## LEADERSHIP & ACTIVITIES

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### SPARTAHACK 2017 – MSU'S 3<sup>RD</sup> ANNUAL STUDENT-RUN HACKATHON

September 2016 – February 2017

*Android Developer*

- Developed the SpartaHack 2017 Android application which had over 300 installs the weekend of the hackathon.
- Used frameworks such as Retrofit, Realm, Butterknife, and Robolectric, and Junit for production.
- Coordinated volunteers, managed help desk, and mentored during the weekend-long event.

### SPARTAN HACKERS

September 2015 – December 2016

*Community Chair*

- Strengthened the MSU student body's technological skills through hosting workshops and organizing hackathon trips.
- Managed communication with other student groups and marketed through social media, flyers, and in-person events.

## PROJECTS

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### MSU BUS ASSISTANT

December 2016

- Scripted a Python API which returns the real-time coordinates of MSU buses as they are requested by users with Google Voice Assistant devices.
- Familiarized myself with Flask, protocol buffers, General Transit Feed Spec. (GTFS), Actions on Google, and API.AI.

**TREND TRACKER** ([devpost.com/software/trend-tracker](http://devpost.com/software/trend-tracker))

October 2015

*Made at Boilermake, a hackathon hosted by Purdue University*

- Constructed the front-end used to fetch and display the geolocations of all tweets related to a trending Twitter topic.
- Clustered the returned geolocations on an interactive map using the Google Maps JavaScript API.

## LANGUAGES

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- **Proficient:** Python, Java, C++, HTML, CSS
- **Familiar:** C#, C, JavaScript, PHP, MySQL