

# JOSEPH HERKNESS

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WEBSITE [www.josephherkness.com](http://www.josephherkness.com)  
GITHUB [jpherkness](https://github.com/jpherkness)

## EDUCATION

**Oakland University**, Rochester MI

**2014 - Present**

- B.S. in Computer Science • Junior • GPA: 3.72
- Coursework: Programming Languages; Algorithms; Computer Architecture; Test Driven Development; Networking; Physics I & II; Calculus I & II; Circuits; Linear Algebra; Discrete Mathematics; UNIX; Computational Intelligence; Database Design;

## EXPERIENCE

**Teachers Assistant**, Oakland University

**2015 - Present**

- Developed and taught advanced programming (Java, Python, Javascript, HTML, CSS, Robotics), electrical engineering, and mechanical engineering courses to students.
- Built an augmented reality sandbox using a Kinect, Projector, and Linux computer.

**Sales Associate**, Kenneth Cole

**Winter 2015 - Fall 2015**

## PROJECTS & HACKATHONS

(More projects can be found on my Github and website)

**Ramsay**, Spartahack

**Winter 2016**

- Used Javascript, Node JS, and a REST API called spoontacular to create a voice activated kitchen assistant skill for Amazon Alexa. Created in under 36 hours.

**Studr**, MHacks VI

**Fall 2015**

- Used swift and Parse to create a iOS application to simplifying the act of creating, managing, and joining study groups. Created in under 36 hours.

**Shared Space**, Sophomore Design

**Fall 2015**

- Used Java, Firebase, Android Studio, and the Google Maps framework to create a local event aggregation application for Android.

## TECHNICAL SKILLS

### Proficient Languages

- Javascript, Swift, Python, Objective-C

### Comfortable Languages

- C, C++, Javascript

### Front-end Development

- Javascript, HTML, CSS, SASS, Bootstrap

### Firebase

### Photoshop & Illustrator

## AWARDS & HONORS

- **Deans List & Academic Honors**

**Every Quarter**

- **Nominated for Golden Key International Honour Society**

**2015, 2016**

- **PC Pro Certification**

**2014**