

# JOSEPH P. HERKNESS

jpherkness@gmail.com

## EMPLOYMENT

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**Deans Assistant, Outreach**                      **Oakland University**                      **Summer 2015 - Present**

- Created and taught advanced programming (Python, Java, Javascript, HTML, CSS, and more), electrical engineering, and mechanical engineering courses to middle and high school students.
- Built an augmented reality sandbox using Kinect, Projector, and Linux Computer.

**Sales Associate**                                      **Kennith Cole**                                      **Winter 2015 - Fall 2015**

- Learned valuable communication and customer service skills.

## EDUCATION

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**Rochester, MI**                                      **Oakland University**                                      **Fall 2014 - Present**

- B.S. in Computer Science, Junior. GPA: 3.8.
- Coursework: Programming Languages; Algorithms; Computer Architecture; Test Driven Development; Networking; Physics I & II; Calculus I & II; Circuits; Linear Algebra; Discrete Mathematics; UNIX;

## TECHNICAL EXPERIENCE

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### Projects

- **Studr (2015)**. An iOS application created during MHacks. Its purpose is to simplify the act of creating, managing, and joining study groups. (URL: <https://github.com/joshherkness/Studr>)
- **Personal Website (2015)**. My personal website, which uses HTML, CSS, Javascript, as well as a front end web framework called Pure CSS. (URL: [josephherkness.com](http://josephherkness.com))
- **Shared Space (2015)**. Local event aggregation application written for Android and completed as my sophomore design project. (URL: <https://github.com/jpherkness/SharedSpace>)
- **Ramsay (2015)**. Voice activated kitchen assistant application written for Amazon Alexa.

## AWARDS, HONORS, AND CERTIFICATES

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- Deans List (2015)
- Nominated for Golden Key International Honour Society (2015, 2016)
- PC Pro Certification (2014)
- Member of the National Honor Society (2013 - 2014)

## PROGRAMMING LANGUAGES AND TECHNOLOGIES

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- Java; Swift; Objective-C; Python; Javascript; HTML; CSS; C
- Github; Firebase; Databases; Arduino; Eclipse; Xcode; Android Studio; Atom; JUNIT; UNIX; AWS;