

# Omer Khan

<http://omerkhan3.github.io>  
omer.khan3@wayne.edu | 248.978.9469

## OBJECTIVE

SUMMER 2017 SOFTWARE  
ENGINEERING INTERNSHIP

## EDUCATION

**WAYNE STATE UNIVERSITY**  
BA IN COMPUTER SCIENCE

MINOR IN ECONOMICS

Sep 2014 - Present | Detroit, MI

Cum. GPA: 3.76 / 4.0

Major GPA: 4.0 / 4.0

## SKILLS

### PROGRAMMING

Proficient

C++ • HTML • CSS • JQuery

Familiar

JavaScript • QBasic • Python • R

## LINKS

Github:// [omerkhan3](#)

LinkedIn:// [omerkhan3](#)

## COURSEWORK

Programming and Problem Solving

Discrete Mathematics

Computer Science 1 (C++)

Data Structures and Algorithms

Intro to Web Development

## AWARDS / HONORS

Presidential Scholarship Recipient

Dean's List (Fall '15 | Winter '15, '16)

DECA State Finalist - 2014

MHacks 8 Participant - 2016

## EMPLOYMENT

### HEWLETT PACKARD ENTERPRISE | WEB DEVELOPMENT INTERN

June 2016 - Aug 2016 | Pontiac, MI

- Migrated a Governance Portal and a Support Portal from internal HPE SharePoint On-Premises servers to SharePoint Online, resulting in these features being included in client sales meetings starting Q3 2016.
- Developed a site messages widget, central video/policy hub, and slideshow widget for both portals using JavaScript (jQuery, REST API, CAML) and CSS.
- Revamped site branding using custom CSS to reflect HPE's new color scheme, which will be used as a template for future HPE SharePoint sites to follow.

### PERFICIENT | QUALITY ASSURANCE ENGINEERING INTERN

Dec 2015 - May 2016 | Livonia, MI

- Performed cross-platform testing on mobile, tablet, and wired web applications, resulting in over 50 bugs on Ford and Lincoln websites being reported to developers via JIRA.
- Rewrote manual test scripts in QTest for the Lincoln Click-To-Purchase project, allowing testers to thoroughly assess the websites while also reducing time allocated for each regression test by 1 hour.

## PROJECTS

### SAFETY IN NUMBERS - MHACKS 8 | HTML, CSS, JS, FIREBASE, C

- Project aims to help Detroit citizens avoid isolated areas in the city.
- Uses Intel Edison and a webcam to feed the number of people passing by and camera data into a Node.js server, which passes it to Firebase. Data is used to plot points on a heat map powered by Google Maps API.
- Personally responsible for integrating the Google Maps API and front-end development. Gained experience with Node.js and Firebase.

### PHYSICAL THERAPY PROGRESS TRACKER (IN-PROGRESS) | HTML, CSS, JAVASCRIPT, PHP, MYSQL

- Cross-platform mobile application that helps patients rehabbing from surgery with embedded rehabilitation exercise videos, push notification reminders, and data collection for doctors.

### WSU RATEMYPROFESSOR PLUGIN | JAVASCRIPT

- Google Chrome extension that integrates a RateMyProfessor search for professors to the WSU class registration page.
- The extension uses JavaScript to pull the teacher information using a specific class, and uses that information to create a search query in the target URL.

## ADDITIONAL EXPERIENCE

### UNDERGRADUATE RESEARCH ASSISTANT Apr 2016 - May 2016

Looked for applicable cancer cell data from previous studies to test. Used R to manipulate the data, and used Diana Diaz's R package to run pathway analysis on it.

### ASSOCIATION FOR COMPUTING MACHINERY | EXECUTIVE BOARD

Revitalized ACM after years of inactivity. Keep the website up to date using a CMS. Helped raise membership from initially 8 to over 40.