

# Ayesha Saleem

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## Education

University of Michigan-Dearborn

December 2019

### **B.S. Computer Science and Mathematics with Honors**

Relevant Coursework: *Data Structures and Algorithm Analysis, Mobile App Development, Software Engineering Tools, Computer Architecture and Assembly Language, Web Technologies, Programming Languages and Java Programming*

## Experience

GE Digital- Digital Technology Intern

June 2017-September 2017

Helping integrate Amazon's Alexa and Google Home into GE appliances and softwares. Successfully integrated Alexa with Salesforce, ServiceNow and Evernote. Wrote a white paper with a 1.2 million dollar investment outline for conversational systems in GE's 2018 budget.

The University of Michigan- Dearborn - **Research Assistant**

May 2016 to September 2016

Researched with Dr. Di Ma under the Security and Forensics Research (SAFE) laboratory where I worked with the various safety challenges of vehicle platooning. including crash simulations using PLEXE simulations.

- *Crash simulations using PLEXE, redesigned user experience for the SAFE website*

## Projects

Alexa Skill Set using Salesforce. Used by GE's financial team as a way of keeping track of customers and appointments (opportunities and leads).

Isomorphism Program. Created imaging permutation algorithm for bio scan security.

Created an app using preferences and fragments that help students rate and look up professors in our school's computer science department.

Web Application with database back end. Designed a database using MySQL with a PHP and HTML 5 front end for a pharmaceutical company. The application is used as a pharmacy's way of keeping track of inventory and customers.

## Core Qualifications

- Java
- CSS
- HTML 5
- JavaScript
- MySQL
- Python
- PHP
- JSON
- Adobe Creative Cloud
- Android Studio
- Autodesk Maya
- Blender

## Professional Affiliations & Awards

### *Honors College*

Present

Part of the Honors College at The University of Michigan-Dearborn. Chosen based on high school GPA and ACT score. Studies higher level philosophy and english.

### *Society of Women Engineers – President*

Present

Increased membership by over 100%, coordinates outreach and mentorship programs for young girls around Michigan, Helps empower and motivate female students in engineering

### *Above and Beyond Award*

August 2017

Was the only intern to receive the Above and Beyond award at GE for exemplary work.

### *Emerging Leaders Institute*

November 2016- Present

One of 14 members chosen based on GPA, leadership abilities and extracurricular activities.

### *Encapsulation of Knowledge Award*

July 2014

Recipient of the Encapsulation of Knowledge Award at the University of California Berkeley's Software Engineering boot camp.

### *Journalist for the Michigan Journal*

Present

Writes news and opinion pieces for The University of Michigan- Dearborn's student newspaper once a month

### *College of Engineering Sharpe Scholarship – Recipient*

September 2015