

# Yash Vesikar

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## EDUCATION

### MICHIGAN STATE UNIVERSITY

East Lansing, MI

#### BS IN COMPUTER ENGINEERING

Expected May 2020

College of Engineering

Honors College

Dean's List (All Semesters)

Cum. GPA: 3.73 / 4.0

Major GPA: 3.75 / 4.0

### NORTH FARMINGTON HIGH SCHOOL

Farmington Hills, MI

Grad. May 2016

## LINKS

Github:// [yashvesikar](#)

LinkedIn:// [/in/yashvesikar](#)

## COURSEWORK

### UNDERGRADUATE

Circuits and Systems 1 & 2

Digital Logic Fundamentals

Programming in Python & C++

Differential Equations

## SKILLS

### PROGRAMMING

Proficient

Python • C++ • ReactJS • Ionic

Databases • SOLR • Django

Javascript • Bash • AWS

## INTERESTS

Chess • Music • Mathematics

## AWARDS

### 2017

- Patent pending – Intelligent Computing System and Method for Question Answering and Analysis
- Ford Motor Company Scholarship
- Alan Mulally Leadership in Engineering Scholarship - Finalist

## EXPERIENCE

### CSANN LAB | UNDERGRADUATE RESEARCH ASSISTANT

October 2017 - Present | East Lansing, MI

- Working with Dr.Fathi Salem on NSF-REU grant on work related to mobile applications of Deep Neural Networks.

### CSE 231 | UNDERGRADUATE LECTURE ASSISTANT

Jan 2018 – May 2018 | East Lansing, MI

- Teaching a lab of 20+ students the fundamentals and applications of Python.
- Grading weekly projects, and holding one on one meetings with students having difficulty with the course material.

### FULCRUM GT | SOFTWARE ENGINEERING INTERN

May 2017 – Aug 2017 | Chicago, IL

- Led the front end development team to create a chat bot for various parties in the legal space.
- Presented product at ILTACON - A legal technology conference for prospective clients in Las Vegas.
- Developed the front end utilizing ReactJS and Django Rest Framework.

### SPARTAN INNOVATIONS | APP DEVELOPER

Jan 2017 – Present | East Lansing, MI

- Working alongside new entrepreneurs and local businesses to develop robust cross platform mobile applications.
- Developing applications with Ionic framework, TypeScript and HTML/CSS to create simple scale able MVPs.

## ORGANIZATIONS

### SAE AUTODRIVE | AUTONOMOUS VEHICLES COMPETITION

August 2017 – May 2020 | East Lansing, MI

- Currently leading the mapping team to develop a map of North America with unique predetermined POI's.
- Utilizing GIS software to optimize search and display of POI's and to relay geographical information to the central vehicle computer.

### SPARTAHACK | MICHIGAN STATE UNIVERSITY HACKATHON

Sept 2016 – Present | East Lansing, MI

- Worked as a sponsor liaison to help secure over \$70,000 for the event.
- Assisted in the set up and logistics of the event, and helped facilitate resources for over 700 hackers.

## PROJECTS

### NEO | NEONATAL ENCEPHALOPATHY COOLING PROTOCOL

October 2017 - Present

- Developing a web tool for the Children's Hospital of Wisconsin in HTML/CSS, and Javascript to assist in making life saving decisions for neonatal babies.

### AUTODOOR | CIRCUITS AND SYSTEMS HONORS PROJECT

November 2017

- Raspberry Pi IOT device for locking and unlocking doors with a smart phone.