

Yash Vesikar

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EDUCATION

MICHIGAN STATE UNIVERSITY

East Lansing, MI

BS IN COMPUTER ENGINEERING

Expected Dec. 2019

College of Engineering

Honors College

Dean's List (All Semesters)

Cum. GPA: 3.74 / 4.0

Major GPA: 3.75 / 4.0

COURSEWORK

UNDERGRADUATE

Circuits and Systems

Microprocessors & Digital Systems

Programming in Python & C++

Data Structures & Algorithms

LINKS

Github:// [yashvesikar](#)

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

SKILLS

PROGRAMMING

Python • C/C++ • ReactJS • Matlab

Databases • SOLR • Django

Javascript • Bash • AWS • Ionic

SOFT SKILLS

Leadership • Self-Motivated

Public Speaking

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

INTERESTS

Chess • Travel • Tennis

RESEARCH EXPERIENCE

COIN LAB | UNDERGRADUATE RESEARCHER

May 2018 - Present | East Lansing, MI

- Working with Dr. Kalyanmoy Deb to develop a novel reference point based multi-objective optimization algorithm.
- Developing a full multi-objective optimization library with various EMO algorithms and problems in python alongside graduate student.
- Submitted publication to IEEE SSCI conference in Bangalore, India.

CSANN LAB | UNDERGRADUATE RESEARCHER

January 2018 - March 2018 | East Lansing, MI

- Worked on applications of fast mobile deep learning under Dr. Fathi Salem.

PROFESSIONAL EXPERIENCE

FULCRUM GT | SOFTWARE ENGINEERING INTERN

May 2017 – Aug 2017 | Chicago, IL

- Led the front end development team to develop a chat bot for professional service providers.
- Demonstrated prototype application and led technology discussion at ILTACON - A legal technology conference.
- Project is currently being developed as a Proof Of Concept for clients.

SPARTAN INNOVATIONS | APP DEVELOPER

Jan 2017 – Dec 2017 | East Lansing, MI

- Worked in a small team alongside student entrepreneurs to develop 10+ robust cross platform mobile application MVP's.

TEACHING EXPERIENCE

CSE 331 - ALGORITHMS | UNDERGRADUATE LECTURE ASSISTANT

September 2018 – May 2019 (anticipated) | East Lansing, MI

- Assist students with algorithms and data structures projects and questions.
- Grading weekly projects and providing feedback to students.

CSE 231 - PYTHON | UNDERGRADUATE LECTURE ASSISTANT

Jan 2018 – July 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.

PUBLICATIONS & PRESENTATIONS

REFERENCE POINT BASED NSGA-III | IEEE SSCI CONFERENCE

July 2018

- Conference paper Reference Point Based NSGA-III for Preferred solutions submitted in collaboration with Dr. Kalyanmoy Deb. Currently under review.

MID-SURE | UNDERGRADUATE RESEARCH SYMPOSIUM

July 2018

- Presented a poster related to Reference Point Based R-NSGA-III summer research project.