Yash Vesikar

http://vesikar.com
vesikary@msu.edu

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: 3.74 / 4.0
Major GPA: 3.72 / 4.0

COURSEWORK

UNDERGRADUATE
Operating Systems
Data Structures & Algorithms
Compilers
Evolutionary MCDM
Software Design
Programming in Python & C++
Microprocessors & Digital Systems

LINKS

Github:// **yashvesikar**
LinkedIn:// **/in/yashvesikar**

SKILLS

PROGRAMMING
Python • C/C++ • ReactJS • Ionic
Databases • AWS • Django
Javascript • Bash • Linux

SOFT SKILLS
Leadership • Self-Motivated
Public Speaking

AWARDS

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

INTERESTS

Chess • Travel • Tennis

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 called R-NSGA-III.
- Developing an extensible Evolutionary Multi-Objective Optimization library with algorithms and problems in python.
- R-NSGA-III publication accepted to IEEE SSCI 2018 conference in Bangalore, India.

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 – 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.

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.

ORGANIZATIONS

SPARTAHACK | Michigan State University Hackathon
Sept 2016 – February 2018 | East Lansing, MI
- Worked as a sponsor liaison to help secure over $70,000 for the event, and helped facilitate resources for over 700 hackers.
- Volunteered as a technical mentor for Python and Linux questions.

PROJECTS & PUBLICATIONS

REFERENCE POINT BASED NSGA-III | IEEE SSCI Conference
July 2018
- Conference paper Reference Point Based NSGA-III for Preferred solutions accepted in collaboration with Dr. Kalyanmoy Deb.

NEO | Neonatal Encephalopathy Cooling Protocol
October 2017 - Present
- Developing a web tool for the Children's Hospital of Wisconsin that will assist in making life saving decisions for neonates.