

MANISH RAJ OSTI

SOFTWARE ENGINEER 📍 SAGINAW, 48603, USA ☎ 9893725605

◦ DETAILS ◦

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◦ LINKS ◦

Portfolio: www.mroستی.com

[Github](#)

[Email](#)

◦ SKILLS ◦

Java

Python

C++

Visual Basic.NET

SQL

JavaScript

HTML/CSS/XML

Flask

Django

👤 PROFILE

Michigan based Software Engineering student with a background in Computer Science and Electrical Engineering.

🎓 EDUCATION

○ **Bachelor's in Computer Science, Saginaw Valley State University, Saginaw**

Minor: Electrical Engineering

Anticipated 2022 Fall

○ **Associate's in Science in Computer Science, Oakland Community College, Royal Oak**

August 2018 — June 2019

📁 EMPLOYMENT HISTORY

○ **Computer Science Tutor at Oakland Community College, Farmington Hills**

January 2019 — May 2019

- Helped and taught computer science students with Java-I and II and C++ programming languages.

★ ACTIVITIES AND RESEARCH

○ **Image & Video Face Detection**

- Detects human faces from images and videos. OpenCV and Haarcascade are used.

○ **Automated Umbrella Remainder**

- Reminds and texts the user's phone to get an umbrella if it's going to rain at a set time by the user and gives various info about current weather. Twilio API and OpenWeatherMap API are used.

○ **Smart Dictionary**

- Helps to find the meaning of the word and asks the user if they have misspelled it. Uses SequenceMatcher from difflib.

○ **Website blocker & Informer**

- Blocks the website provided by the user and lets the user set the time to start and end the blocking time period. Twilio API is used to send a text to users. And changes are made to it the user's hosts file.

⚙ AWARDS AND INVOLVEMENT

○ **Recipient of Red and White Scholarship, Saginaw valley State University**

August 2016 — June 2018

○ **Participated in SpartaHack, Michigan State University**

September 2018 — September 2018