

BARAN MANTI

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EDUCATION

Michigan State University, College of Engineering

Bachelor of Science in Computer Science

Honors: 3.93 Cumulative GPA, Dean's List x6, Tau Beta Pi National Engineering Honor Society

Courses: Software Engineering, Web Development, Autonomous Vehicles, Software Design (OOP), Computer systems, Algorithms and Data Structures, Database Systems, Mobile App Development, Computer Organization and Structure, Engineering Design, C++, Python

EXPERIENCE

I3 Verticals (ImageSoft Inc.)

Remote

Systems Engineer Intern

June 2022 – Current

- Develop .Net (C#) applications using software development life cycles
- Develop Azure Web Applications using ASP.NET Core Web
- Developing OnBase workflow solutions.
- Maintain and configure databases using SQL and SSMS
- Writing and maintains documentation to describe program development, logic, coding, testing, changes, and corrections.

Skills: C# .Net, ASP.NET Core MVC, REST APIs, SQL, Database Management, Agile Development, OnBase API, Computer Systems, Azure DevOps, Customer Communication

Michigan State University – CV Lab

Michigan

Undergraduate Research Assistant

June 2023 – August 2023

- Generated an interactive GUI integrating an Image Processing library using Python and OpenCV
- Skills: Python, GUI Development, Image Processing, OpenCV

Michigan State University – CSE 232

Michigan

Undergraduate Learning Assistant

July 2022 – Current

- Giving lectures in the programming labs and helping students with challenges using effective communication, critical thinking techniques and advanced C++ knowledge.
- Helping students during help room hours using my expertise in C++. Skills: C++, Linux, Object-Oriented Programming, Student Tutoring

Running Name LLC

Remote

Web Developer Intern – Part Time

June 2022 – August 2022

- Developed and designed websites working in a small team. Skills: HTML, CSS, Web Design, Google Sites

Michigan State University – IT Support

Michigan

Computer Support Tech I

Feb 2022 – June 2022

- Assisted facility members as an IT support technician in College of Education
Skills: Computer Networks, Computer Systems, Hardware, Software Installation/Updates, Communication

INVOLVEMENT

SpartaHack Hackathon 2022 – Built a website using React Javascript

HackED Devpost 2021 – Built a mobile android application using Python and Kivy.

MSU Spartan State Security Active Member – CTFs – Vulnerabilities Unmanned Systems - Member

ACADEMIC PROJECTS

Lane Keeping Management, Amazon – Project Manager

TurtleBot Lane Following & Sign Detection – ROS2

Connect4 Game – Android Java

SQLite Database Replicate – Python

Angry Birds Game – C++

Pokémon Game – Python

2D/3D Platformer and Shooter games – C# & Unity

Shopping Budget Planner – C++

Console Based Racing Game – C++

TECHNICAL SKILLS AND INTERESTS

C++, C#, C, Python, Linux, Assembly Language, SQL, HTML /CSS, Kotlin MVVM, Swift, ROS2

PERSONAL PROJECTS

Budget Planner – ASP.NET Core Web

PC Game Store Library – ASP.NET Core Web

Task Planner Mobile App – Kotlin

To Do – Kotlin

Scientific Calculator - Kotlin

Notes – Swift

Workout Tracker – Swift

Personal Website – HTML, CSS, JavaScript