

Prathik Murthy

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OBJECTIVE

- Seeking a find an internship or part-time position relating to software development, prototyping, deployment, or other related fields.
- Skilled in multiple programming languages, computer hardware, public speaking, and leadership.

EDUCATION

University of Michigan

Bachelor of Science in Computer Science

Expected Graduation: May 2024

Ann Arbor, MI

January 2022 – Present

Michigan State University

Bachelor of Science in Computer Science

Relevant Coursework: Calculus III, Discrete Structures, Programming I (Python), Programming II (C++)

Cumulative GPA: 4.00 / 4.00

East Lansing, MI

August 2020 – December 2021

TECHNICAL SKILLS

Languages: Python, C++, Java, C#, HTML, CSS, JavaScript, SQL, ABAP

Software: Word, Excel, PowerPoint, Git, Firebase, Autodesk Inventor, Solidworks, SAP, MongoDB

Platforms: Windows, AndroidOS

WORKPLACE EXPERIENCE

Steelcase – Product Data Technology Intern

May 2021 – Present

- Created a system of programs using ABAP and SQL allowing the Steelcase Global Sustainability team to create, edit, and view critical certificate data
- Developed an API using Python to generate product specification guides in Adobe InDesign for global retailers

Michigan State University – Teaching Assistant for CSE 232 (Programming II – C++)

August 2021 – December 2021

- Teach weekly lab sections for 30+ students
- Aid in the creation of course content, assignments, exams, and monthly projects

RELEVANT ACTIVITIES

FIRST Robotics Competition – President / Engineering Lead - Team 226

August 2016 – May 2020

- Led team of over 100 students to design, build, and program competition robots
- Gained proficiency in advanced manufacturing, Computer Aided Design, and Java
- Taught groups of 15-30 students in topics ranging from basic design theory to advanced machining using a manual mill, lathe, and CNC router

INDEPENDENT PROJECTS

Spotify – Last.fm Playlist Generator

November 2021

- Scripts built in Python which automatically generate playlists in Spotify using a user's Last.fm "Liked Songs" collection
- Created using Spotify and Last.fm Python APIs
- Hosted online and automatically run on a user's Spotify account multiple times a day

prathikmurthy.github.io

September 2020

- Built a portfolio webpage entirely from scratch using HTML, CSS, and JS
- Self-taught used languages entirely through online resources and materials

Expensive

- Single-handedly designed and built an android app for tracking daily expenses
- Used Firebase for account authorization and web integration

December 2019

HONORS & AWARDS

Michigan State University Dean's List – Fall 2020, Winter 2021, Fall 2021

December 2020 – December 2021

FIRST Dean's List Award – Awarded for best showing of leadership and teamwork skills

March 2019