Prathik Murthy

4105 Bristol Drive, Troy MI ● (248) 525-2323 ● murthypr@msu.edu ● linkedin.com/in/prathikmurthy/

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

Michigan State University, College of Engineering   East Lansing, MI
Bachelor of Science in Computer Science   Cumulative GPA: 4.00 / 4.00
Expected Graduation: May 2024
Relevant Coursework: Calculus II, Programming I (Python), Programming II (C++)

Troy High School   Troy, MI
High School Diploma   Cumulative GPA: 3.61 / 4.00
August 2016 – May 2020

TECHNICAL SKILLS

Languages: Java, Python, C++, HTML, CSS, JavaScript
Software: Word, Excel, PowerPoint, Git, Firebase, Autodesk Inventor, Solidworks
Platforms: Windows, AndroidOS

RELEVANT ACTIVITIES

Spartan Hackers   August 2020 – Present
- Student organization for programmers and hackers at Michigan State University

FIRST Robotics Competition – President / Engineering Lead - Team 226   August 2016 – May 2020
- Led team of over 100 students to design, build, and program a large competition robot, resulting in our first event win in over 20 years
- Gained proficiency in advanced manufacturing, Computer Aided Design, and Java
- Created over 100 detailed documents to facilitate continuation of knowledge
- Taught groups of 15-30 students in topics ranging from basic design theory to advanced machining using a manual mill, lathe, and CNC router

FIRST Tech Challenge – Founder / Mentor – Team 13643   March 2017 – May 2020
- Founded and mentored team of 12 middle school students, teaching them essential engineering concepts and skills
- Created and taught over 100 lessons in basic engineering concepts to groups of 20-50 middle school students

INDEPENDENT PROJECTS

prathikmurthy.github.io   August 2020
- Built a portfolio webpage entirely from scratch using HTML, CSS, and JS
- Self-taught used languages entirely though online resources and materials

Expensive
- Single-handedly designed and built an android app for tracking daily expenses   December 2019
- Used Firebase for account authorization and web integration

WORKPLACE EXPERIENCE

Eye Level Learning – Academic Tutor   May 2019 – March 2020
- Tutored groups of 10-30 students in topics ranging from basic arithmetic to SAT/ACT course prep
- Created a detailed curriculum for teachers to use to teach advanced mathematics to younger students, currently used in centers across Michigan

HONORS & AWARDS

Michigan State University Dean's List – Fall 2020   December 2020
FIRST Dean's List Award – Awarded for best showing of leadership and teamwork skills   March 2019