

# Prathik Murthy

4105 Bristol Drive, Troy MI • (248) 525-2323 • [murthypr@msu.edu](mailto:murthypr@msu.edu) • [linkedin.com/in/prathikmurthy/](https://www.linkedin.com/in/prathikmurthy/)

## OBJECTIVE

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- 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

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**Michigan State University, College of Engineering**

East Lansing, MI

*Bachelor of Science in Computer Science*

Expected Graduation: May 2024

Relevant Coursework: Calculus I, Programming I (Python), Engineering I

**Troy High School**

Troy, MI

*High School Diploma*

Cumulative GPA: 3.75 / 4.00

August 2016 – May 2020

## TECHNICAL SKILLS

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**Languages:** Java, Python, C++, HTML, CSS, JavaScript

**Software:** Word, Excel, PowerPoint, Git, Firebase, Autodesk Inventor, Solidworks

**Platforms:** Windows, AndroidOS

## RELEVANT ACTIVITIES

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**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

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***prathikmurthy.github.io***

August 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

## WORKPLACE EXPERIENCE

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**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

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**Magna Cum Laude** – Awarded for graduating GPA

May 2020

**FIRST Dean's List Award** – Awarded to who best show skills of leadership and teamwork

March 2019