

AMITH POLINENI

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571-606-6123

amithp.com

CURRENT EDUCATION

Sophomore at Thomas Jefferson High School for Science and Technology

I am enrolled in, AP Computer Science and Pre-Calculus, and have taken Design & Technology.

Current GPA: 3.85/4.0 (unweighted) 4.33/4 (weighted)

PSAT: Math 740; Language: 620; Total: 1360/1500

ABOUT

I'm a passionate high schooler who is determined to solve problems with mechatronics. Currently, I'm only in high school, but I'm ready, prepared, and full of passion to start entry level positions.

CURRENT PROJECTS & INTERESTS

- Assistive Technology Club - making accessible computer games for local elementary schoolers with disabilities.
- Team Tiny House – leader of the interior construction sub-team where we research and design space-efficient furniture for our custom tiny house on wheels. I also worked on the website for the club.
- Automotive Engineering Club –researching, designing, and building a full-sized solar car and motorized office chair
- Robotics – member of Botball Robotics team
- Rocketry – member of The American Rocketry Challenge team
- AmithP.com – using online resources, I taught myself to code an aesthetically pleasing website from scratch in HTML
- Python Game Box – recreated a few popular games in python with my own spin

TECHNICAL SKILLS

- Programming in Java, Python, C++, HTML, CSS, and JavaScript
- Microsoft Office and G-Suite Applications
- Microelectronics (especially Arduino)
- Website creation and maintenance
- Google Firebase Database
- Windows and Mac OS experience

EXPERIENCE

Library Volunteer

Prince William Public Library System

September 2019 – August 2021

- Created, organized, and ran weekly library programs for children and teenagers, fostering a love in education
- Set up and maintained seasonal book displays, making reading appealing to passersby
- Used the catalog database to keep track of books