

Mehul Jasti - (301) 825-6761, me@mehuljasti.com

Education

Clarksburg High School - Graduated June 2025, Unweighted GPA: 3.96, Weighted GPA: 4.87

Relevant courses: AP Computer Science A, AP Computer Science Principles, Programming 3, AP Calculus AB, AP Calculus BC, AP Statistics, AP Physics 1, Network Operations 1

Technical Skills

Python, FastAPI, Docker, Swift, SwiftUI, Java, JavaScript, React, Next.js, HTML, CSS, Selenium, ChromeDriver, Adobe Premiere Pro, Final Cut Pro, DaVinci Resolve, Adobe After Effects

Achievements & Recognitions

- 12 **CompTIA A+ 220-1101 (Core 1) Certification**
- 11 **The Rensselaer Medal**
- 11 **Bausch + Lomb Honorary Science Award**
- 11 **Carnegie Mellon University Summer Session Student**
- 11 **National Cyber Scholarship Foundation - Scholar Award**
- 11 **National Council of Teachers of English Achievement Awards in Writing - Superior Award**
- 11 **Maryland Boys State, Delegate**
- 11 **M&TSI (Summer Program at UPENN) (*accepted, attended alternate program*)**
- 9, 10 **CyberPatriots Platinum Tier State Qualifier**
- 11 **National Honor Society (NHS) Member, National Tech Honor Society Member**
- 10 - 12 **International Thespian Honor Society Member**
- 10,11 **AP Scholar with Distinction(11) AP Scholar with Honor(10)**
- 8 **Presidential Volunteer Service Award (PVSA), Bronze**

Projects & Initiatives

- 11-12 [Mellons](#)
Developed/managed an app to find food on campus at Carnegie Mellon University
- 10-12 [PantryFindr](#)
Developed/managed an app to help the food insecure locate Little Free Pantries nationwide
- 11-12 [Ripple](#)
Developed an issue-reporting platform for students and staff to voice their concerns
- 12 [Quokka](#), a mental health app built for students

Research Experience

- 10 **MindLab, UMD - Research Intern with Prof. Ashok Agrawala (Summer '23)**
 - Collected and analyzed breathing data using Bluetooth Spire Tags
 - Utilized Jupyter notebooks to view segments of breathing data
 - Analyzed changes in breathing during different actions
 - Created a brief and easy-to-understand presentation outlining all research

Summer Experience

- 11-12 **National Institute of Standards and Technology - SHIP Intern (June '24 - May '25)**
 - Created a recursive web-scraping program in Python to scrape data from various internal NIST websites
 - Integrates with a SQL database for storage and access
- 11 **Carnegie Mellon Pre-College Summer Session - Student (Summer '24)**
 - 15-112: Fundamentals of Programming
 - 36-200: Reasoning with Data
- 11 **Maryland Boys State, Delegate**

Extracurricular Activities

- 11-12 **Clarksburg HS - Cybersecurity Club Founder + Co-President**
 - Coordinated registration for various hackathons across the county
 - Organized club meetings to keep members informed about events
 - Taught students good cybersecurity practices
- 9-12 **Clarksburg High School Theater - Sound Director (Fall '21 - June '25)**
 - Collaborated with and led a team to operate sound equipment during rehearsals/shows
 - Troubleshoot body microphones and music using PreSonus equipment and calibrated microphones to suit the voices of actors and ensemble members
 - Diagnosed, documented, and corrected issues with microphones and speakers
- 11-12 **Montgomery Co. Regl. Student Govt. Assoc. - Webmaster Coordinator**
- 10-11 **Montgomery Co. Regl. Student Govt. Assoc. - Webmaster**
- 11-12 **Student Member of Board (SMOB) Advisory Council Long-Form Video Coordinator**
- 11 **MCPS Student Member of Board Campaign Tech. Director**
- 9-12 **Clarksburg HS - Varsity Tennis**
- 10-12 **Clarksburg HS - Model UN**
- 11-12 **Clarksburg HS - DECA**
- 10-12 **Clarksburg HS - Key Club**
- 6-8 **PURE Youth, Clarksburg - Community Service Volunteer (2018 - 2020)**
 - Fundraised \$5000+ to help children in third-world countries
 - Raised \$500 + worth of food to nursing homes/hospitals during pandemic
 - Granted Presidential Volunteer Service Award (PVSA) Bronze

Employment Experience

- 8-12 **Best Brains Learning Centers, Maryland - Developer (2021 - Current)**
 - Designed, created, and implemented lightweight order management software to efficiently transfer data from Excel into a web portal
 - Accounts for website and server lag for equality between Excel files and web portal
 - Increased accuracy and efficiency of order management by over 1200%