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

Education

Clarksburg High School - Expected Graduate May 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, OpenCV, 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 - Current)**
- 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 - Current)**
- Collaborated with and led a team to operate sound equipment during rehearsals/shows
- Troubleshot 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**

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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%