

# Tejas Panja

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## Professional Summary

I am a passionate, hardworking, and dedicated senior at Tesla STEM High School with an interest in combining my passion for technology and the arts.

## Skills

- **Coding:** HTML, CSS, JavaScript, C#, Java, Python
- **Web Development:** React, TailwindCSS, Figma, Next.js
- **Game Development:** Unity, PyGame, Scratch
- **Graphic Design:** Photoshop, Illustrator, Canva
- **Music Creation:** FL Studio, BandLab, Piano, Guitar
- **Video Creation:** DaVinci Resolve, Premiere Pro, After Effects, Photography, Videography, YouTube
- **Personality:** Optimistic, Easygoing, Kind, Dedicated, Passionate, Hard-Working, Problem-Solver, Inventive, Creative, Curious
- **Badminton:** Gold level at Seattle Badminton Club
- **Tae-Kwon-Do:** Advanced Green Belt at True Martial Arts Redmond

## Experience

- **Tesla STEM ASB Videographer (2025-2026):**
  - Making video announcements that are played in school + content for the school's social media. Combines passion for videography with community impact
- **Link Crew Leader (2024-2026)**
  - Helping new students adjust to a new school + other leadership. Started an initiative to include transfer students. Learned leadership + life skills
- **Public Relations Officer (2024-2025), Board Member (2023 - 2024), Indian American Community Services (IACS) Youth Board**
  - Organized small events (street cleanup, shelter restoration, etc.) and large events (garba, field day) for our local community. Hosted a weeklong summer camp for 200+ kids. (2023 - 2025)
  - Photography and videography lead for the youth board's social media. (2024 - 2025)
- **IACS Youth Council & Youth Outreach Member (2019 - 2023):**
  - Participated in volunteering events (canned food drive, clothing drive) for the local community.
- **Java Game Teacher (Spring 2023):**
  - Taught video game development using Java to middle schoolers remotely on Google Classroom, learning leadership, presenting, and speaking skills.

## Education

- **High School Education at Tesla STEM High School (2023 - 2026)**
  - AP Computer Science Principles, AP Environmental Science, AP Computer Science A, AP Psychology, AP Calculus AB, AP Language and Composition, AP US History, AP Physics M, AP Physics E&M, AP Calculus BC
- **Freshman at Lake Washington High School (2022 - 2023)**
  - Psychology, Robotics 1, Photography
- **WANIC Summer Classes (2022 - 2024)**
  - Intro to Game Programming, Intro to Game Design, Intro to Music and Sound Design
- **UCSD Machine Learning for High Schoolers (Summer 2024)**
  - Received grade of A

## Projects

- **Hackathons:** (<https://github.com/TheSigmaSociety>)
  - Lead Front End Developer and Co-Founder for TheSigmaSociety. Built solutions to real-world problems in short timeframes, such as sustainability, accessibility, and more, for 10 hackathons.
- **GPA Wizard:** (<https://github.com/TejasDoesStuff/GPACalc>)
  - Created a GPA Calculator for the FBLA Intro to Programming event, prioritizing user functionality, interface, and experience.
- **Conext:** (<https://github.com/TejasDoesStuff/Website-Coding-and-Development>)
  - Created a responsive, professional website for the FBLA Website Coding and Development event, showcasing modern web development practices and graphic design skills.
- **Website for FRC Team 5827 Code Purple:** (<https://www.codepurple5827.com/>)
  - Created a responsive and well-structured website for my FRC robotics team, Code Purple, that showcases the team's spirit, what they've been working on, and my web development skills.
- **Novel Therapeutic Application of ChatGPT Through Prompt Engineering:**
  - Researched AI prompt engineering for mental health using ChatGPT for the CSRSEF/WSSEF competition. Learned deep research, logging, and project management. Research Paper selected for publishing.
- **Judgement Call:** (<https://somebody4545.github.io/judgement-call-build/>)
  - Created a video game using Unity based on ethical perspectives.
- **Image Recognition and Regression Models for Bite Mark Analysis:** (<https://github.com/TejasDoesStuff/bite-mark-analysis>)
  - Used image recognition and a polynomial regression model to collect class evidence about a perpetrator from bite marks
- **Particle Life Simulator:** (<https://github.com/TejasDoesStuff/particle-sim>)
  - Created a simple particle life simulator using Java and JavaFX, based on Tom Mohr's rendition.

## Achievements

- **National Merit Commended Scholar**
- **AP Scholar with Distinction**
- **2<sup>nd</sup> Place - WSSEF**
- **FBLA Competitions:**
  - 2025 - Top 15 Nationals - Graphic Design
  - 2025 - 1<sup>st</sup> Place States - Graphic Design
  - 2024 - 5<sup>th</sup> Place States - Intro to Programming
  - 2024 - 2<sup>nd</sup> Place Regionals - Intro to Programming
- **Hackathons:** (<https://devpost.com/tejaspanja>)
  - 2024 - 2<sup>nd</sup> Place EmP Spring Hackfest
  - 2024 - 2<sup>nd</sup> Place Hackabyte Summer Online Hackathon
  - 2024 - 3<sup>rd</sup> Place EmP Summer Hackfest
  - 2024 - Honorable Mention Hackabyte Spring Hackathon
  - 2024 - Honorable Mention Hackabyte Summer Hackathon
  - 2025 - Most Innovative EmP Summer Hackfest
- **Volunteering (IACS):**
  - 2025 - 500+ Volunteer Hours
  - 2024 - Gold Presidential Volunteering Award
  - 2023 - Bronze Presidential Volunteering Award
  - 2022 - Bronze Presidential Volunteering Award
- **1000+ Day Duolingo Streak:** Spanish, Chinese, Chess