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**SUMMARY**

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A high school senior and change-maker with deep interest in technology and its responsible role to help society

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**EDUCATION**

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**Standardized Tests**

SAT	1580/1600 (Math: 800, EWR: 780)	Nov 2022
PSAT/NMSQT	1510/1520 (Math:760, EWR: 750)	Oct 2022

**The Overlake School** **Redmond, WA** **Sep 2020 - Current**

Rigorous coursework across Maths, Science, English, Spanish, Social Sciences and APs with a cumulative average of 95/100

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**EXPERIENCE & PROJECTS**

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**Propel** (<https://www.wepropel.org>) **Jul 2023 - Aug 2023**  
Digital Inclusion Intern and Project Technical Lead, scaled impact of 50+ Latin American nonprofits with CRM integration

**Youth for Responsible Tech** (<https://www.youthresponsibletech.org>) **Mar 2023 - Current**  
Founder of an initiative to make technology safer, accessible and equitable by fostering dialog between the youth, industry, educators and the policy makers

**Bias in AI: Research paper on Skin Tone Dataset Debiasing** **Oct 2022 - Apr 2023**  
Developed a novel and low-cost approach to reduce skin tone bias in image datasets used to train a convolutional neural network that recognizes American Sign Language gestures. TensorFlow, Python ([GitHub link](#))

**Accessibility Tech: ViziBox device** (<https://www.vizibox.org>) **Nov 2022 - Current**  
Invented a wireless device (<\$100) for visually impaired users. In testing at WA State Deptt of Services for the Blind  
As winner of Congressional App Challenge '23 (WA-01 District) it will be on display in the U.S. Capitol whole of next year

**Accessibility Tech: Read It Aloud smartphone application** **May 2022 - Current**  
Developed a mobile application that helps the visually challenged users by reading aloud text from various surfaces such as signs, labels, newspapers and documents. iOS App Development, Python ([App Store link](#))

**Privacy in Tech: DataSeal Privacy Ltd** **Jun - Aug 2022**  
Software Eng Intern - Security & Backend, implementing features that help protect user privacy in large scale systems

**AI for good: Translating ASL** **May 2021**  
Built AI-powered app to translate American Sign Language alphabet to English using TensorFlow, AzureML, OpenCV ([demo](#))

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**EXTRA CURRICULARS**

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Mayor	GPR Junior States of America Leadership	Jun 2023 - Current
Assistant Director of Debate	PNW Junior States of America Cabinet	Jun 2022 - Jun 2023
President	Overlake Junior States of America Chapter	Apr 2023 - Current
Co-founder & Captain	The Overlake Quiz Bowl Team	Sep 2020 - Current
Alto Saxophonist	The Overlake Jazz Band	Sep 2020 - Jun 2021

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**AWARDS & ACHIEVEMENTS**

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Awarded 1st Place in Congressional App Challenge for ViziBox by Congresswoman Suzan DelBene ([news](#)) **Dec 2023**

National Merit Scholarship Semifinalist ([news](#)) **Sep 2023**

AP Scholar with Distinction **Aug 2023**

Dean Palmer Award - given to one Overlake High School student for pursuing an ambitious project **Jun 2023**

Awards received for the research paper on Skin Tone Dataset Debiasing for AI models  
First Prize & Trophy - Washington State Science & Engineering Fair (WSSEF [winners](#)) **Apr 2023**  
First Prize in Robotics & Intelligent Machines - Regeneron ISEF Regional fair (CSRSEF [winners](#)) **Mar 2023**  
Outstanding Achievement in STEM - Junior Science & Humanities Symposium **Feb 2023**

Best Speaker - Junior States of America PNW Conventions - three years in a row **2021, 2022, 2023**

National Academic Quiz Tournaments (NAQT) - Captained team to Nationals - three years in a row **2021, 2022, 2023**

Computing for All - WA State Annual Comp Sc Competitions - coding awards three years in a row **2017, 2018, 2019**