James Chubbuck

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EDUCATION

Stanford University *Class of 2029*
Prospective engineering physics major and classics minor.

Hun School of Princeton *Class of 2025*
4.0 GPA | 1530 SAT
Notable classes: AP Calculus BC, Multivariable Calculus, Linear Algebra, AP Statistics, AP Physics C: Mechanics, AP Latin, Computer Aided Design.

RECOGNITIONS AND AWARDS

- American String Teachers Association Certificate Advancement Program Violin Level 10 (2024)
- College Board AP Scholar Award (2024)
- College Board National Indigenous Recognition Program (2024)
- National Cum Laude Society (2024)
- National Honor Society, John Gale Hun Chapter (2023)
- National Latin Exam Medalist (2022–2024)

CERTIFICATIONS

ASHI Wilderness First Aid *Valid through 2027*

Lifeguarding (with Deep Water), CPR/AED, and First Aid *Valid through 2027*

WORK EXPERIENCE AND VOLUNTEERING

East Coast Cherokees *2023–Present*
Founding member of an official Cherokee Nation 501(c)(3) satellite community for At-Large Citizens in New York, New Jersey, Pennsylvania, and Delaware. Developed initial website.

Camp Counselor *2023–2025*
Counselor at a sleepaway camp in Maine for boys aged seven to fifteen. Assisted with camp activities and camping trips.

SAT Tutoring *2024*
Volunteered tutoring peers in preparation for the March 2024 SAT.

New York Botanical Garden *2022–2023*
Volunteered for Urban Advantage Family programs.

PROGRAMMING LANGUAGES

- HTML/CSS
- JS/TS
- Java
- Nix
- Python
- TI-BASIC

RECENT PROJECTS

Diachronic Linguistics Analysis *Ongoing*
Developing a Python-based tool utilizing embedding models and phonetic similarity algorithms to identify semantically and phonetically similar Greek words with disparate etymological roots to study language evolution.

Lightweight JavaScript Framework *2024*
Wrote a ∼0.5kB JavaScript framework which provides basic component functionality, including nesting, able to pass arbitrary parameters to components.

Numerical OCR *2024*
Enlisted the help of many friends to build a large dataset of handwritten numerals, then used Python to train a simple model to recognize digits.

VPS *Ongoing*
Actively maintain a virtual private server that runs several applications, such as Matrix, RSS aggregators, and other services.

Framework OCuLink Module *2023*
Used off-the-shelf hardware to fabricate an OCuLink module for use in Framework laptop expansion bays.

Electronics Repair *Ongoing*
Repaired a number of broken electronics, such as motherboards, laptops, and a drone used in high school demonstrations.