

ELIAS JOAQUÍN LITTLE

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EDUCATION

Cornell University Ithaca, NY

- Undergraduate in College of Engineering

Liberal Arts & Science Academy Austin, TX GPA 4.32 SAT: 1560 (Super score)

- National Hispanic Scholar
- National AP Scholar
- AP Scholar with distinction
- National Merit Commended Scholar

Educational Goal: Master's in engineering

WORK EXPERIENCE

Applied Research Labs, UT Austin

40 hrs/wk June-August 2019 | Apprentice

- Designed and built a prototype low-cost low-frequency underwater acoustic source

Torzal Guitars

12 hrs Contracted Project 2018

- Researched, designed, and constructed a small-scale Enterprise Resource Planning database

Collings Guitars

24 hrs/wk June-August 2017 | Luthier I

- Prepared incoming wood shipments for kiln & acclimation; Sanded electric guitar bodies

TECHNICAL SKILLS

Programming

- Python
- Java
- SQL
- LaTeX

Software

- 3D CAD/Modelling
 - SolidWorks
 - Sketch-up
 - Rhinoceros 3D
- Microsoft Office Suite

Shop Skills

- 10+ years of fabrication shop experience in wood and metal.
- Projects Include: Knife making, Machining light saber, Architectural models, Electric and acoustic guitars, Jewelry and Box making

HOBBIES

Music

- 7+ years playing music: Cello, Ukulele, Guitar, Bass Guitar, Mandolin
- Orchestra | Varsity cellist; TMEA Region 18 placement; UIL Solo and Ensemble | 9th-12th grade

ACTIVITIES AND LEADERSHIP

Robotics Team | 11th & 12th grade 12hrs/wk 18wks

- Design and Build Team | Attended El Paso: Regional March 2018; Houston: Worlds April 2018
 - Worked on designing subsystems, and assembling the final robot

Orchestra Officer | 8 hrs/wk 40 wks/yr

- President | 12th grade
 - Helped organize all events
 - Helped make decisions regarding the program as a whole
 - Face of the orchestra
 - Delegate work among officers
 - Emcee at concerts and banquets
- President/Vice President | 11th grade
 - Helped organize all events
 - Helped make decisions regarding the program as a whole
 - Face of the orchestra
- Head Librarian | 10th grade
 - Selected music for four orchestras
 - Made copies of the music

LASA High School Ambassador | 12th grade

- Helping incoming students get acquainted with a magnet school environment
- Advocating for the school at other middle schools at recruitment events
- Teaching incoming freshmen valuable study skills to help them succeed

National Music Honor Society | 12th grade

- Founding member
- Participating in planning and future development

National Honor Society | 11th-12th grade | 40 hrs/yr

- Volunteered in the LASA High School community and the greater Austin community
 - Ran a booth for city wide scavenger hunt benefitting Alzheimer's research
 - Helped setup First Lego League tournament hosted at LASA
 - Community outreach through robotics
 - nVidia Corp.
 - Afterschool program Ditmar community center

ACE Mentorship Program | 11th grade 2 hrs/wk 18wks

- Lectures & projects covering Architecture, Construction and Engineering
- Group designed an earthquake resilient, eco-friendly mid-rise building for Rome

Bach & Roll chamber group | 9th, 10th & 11th grade 1hr/wk school year

- Helped select and arrange contemporary songs for a string group
- Helped organize meetings/rehearsals 11th

Musicals | 10th, 11th, 12th grade

- Cellist for AISD Summer musical, *Peter Pan* | Summer 2017
- Cellist for school musical
 - *9 to 5* | 11th
 - *Sweeney Todd* | 12th