

Alejandro Velazco

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Profile

Aerospace Engineering major seeking a part time position.

Skills

- ♦ C Programming – Intermediate
- ♦ MATLAB – Intermediate
- ♦ Adobe Suite – Proficient

Hobbies

- ♦ Astronomy
 - ♦ Trumpet Performance
 - ♦ Photography
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Education

THE UNIVERSITY OF ARIZONA HONORS COLLEGE – Tucson, AZ

B.S. Aerospace Engineering with a Minor in Astronomy – GPA: 3.0/4.0 to graduate in May 2024

EXTRA CURRICULARS

- ♦ **Odyssey of the Mind** (2012-Present)
 - International educational program that provides creative problem-solving opportunities on the regional, state, and world level.
 - World Class Finalist
- ♦ **The University of Arizona Engineering Student Council** (2020-Present)
 - Collaborate with peers to implement professional development plans and motivate engagement and engineering.
- ♦ **UA Formula Club, FSAE** (2020-Present)
 - Aerospace sub team Member
 - Ergonomic steering wheel design.
- ♦ **Baja SAE Racing Team, The University of Arizona** (2020-Present)
 - Suspension, steering, and breaks (SSB) sub team Member
 - In charge of creating tests for the off-road Two Wheel Drive vehicle that will race in competition.
- ♦ **Pride of Arizona Marching Band** (2020-Present)
 - Lead Trumpet Player
 - Provide entertainment to the Wildcat fanbase through music and the marching arts.

INVOLVEMENT

- ♦ **Phi Mu Alpha (ΦMA) Alpha Upsilon Chapter** (2020-Present)
 - Advancing music in America through the Mill's music mission.
- ♦ **C-S.T.E.M. K-8 volunteer** - Marana A.Z. (2015-Present)
 - Improving the reading proficiency of students.
 - Aide classrooms for teacher's needs.
- ♦ **Odyssey of the Mind** - Oro Valley A.Z. Ames, I.A. East Lansing, M.I. (2014-Present)
 - a Judge for Problem 5 in the 2022 competition
 - a Founded the State-Caliber Odyssey of the Mind Program at Tortolita Middle School.
 - a Youth Workshop volunteer-Teaching methods for spontaneous creativity, problem-solving, and teamwork.
 - a Lead the preparation of the awards ceremony for the regional and state level competitions.

AWARDS

- ♦ **Odyssey of the Mind**
 - 4x World Class Finalist Representing Arizona (2016-2020)
 - Ranatra Fusca - given to a team or individual for demonstrating outstanding creativity. This award embodies all that the Odyssey of the Mind program represents. (2019)
- ♦ **Southern Arizona Regional Science and Engineering Fair Winner** (2016)
- ♦ **Wildcat Excellence Award** (2020-Present)

WORK EXPERIENCE

- ♦ **ASTEROIDS Laboratory** (2021-Present)
 - Space Debris Mitigation research
- ♦ **Wal-Mart Hardware/Automotive Sales Associate** (2020 – Present)
 - Lead customers to find what they need for home-improvement
 - Car battery technician