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85641, Vail,
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Name on Skype:
Erik.A.Leon

Erik Leon

Education

2021 **High School Diploma**
Empire High School, Tucson, Arizona, United States of America

Experience

Oct 2022 -
Nov 2022 **Mesquite Strategies LLC | Flagstaff, Arizona**
Phone Banker

Signed into the phone bank website and worked for 4-hour shifts, several days a week. Spent those shifts calling residents in Phoenix regarding potential candidates in the 2022 midterm elections. Interviewed each resident regarding their knowledge of each candidate, and whether or not they intended to vote in the election.

Feb 2024 -
Jun 2024 **Universidad de Jaén | Jaén, Spain**
Research Assistant

Studied under Rubén Dorado Vicente and his team and assisted them in their research on catalytic converters and transparent materials for 3D printing. Work consisted of running a heat pump through an exhaust pipe to test exhaust emissions as well as heat transfer. Ran frequent and repeated prints on an Ultimaker using Cura software to develop a test bench with transparency and refraction levels of parts printed in PLA and Glace filament.

Aug 2025 -
Present **Northern Arizona University | Flagstaff, Arizona**
Metal 3D Printer Operator/Technician

Operated a ConceptLaser MLab Cusing 100R donated by Honeywell. Worked with 316 stainless steel and 718 Inconel, designing and printing many diagnostic parts and tensile specimens. Oversaw the main repairs needed and carried them out in order to provide NAU with a fully functional metal 3D printer.

Skills

Languages
English (native), Spanish (second language)

Technological Abilities
Microsoft Office (Word, Excel, Publisher, Power Point)
nTop
Matlab Coding
Autocad 3D Modeling

Merits

2021 **Lumberjack Scholarship**
Academic Scholarship Awarded for Outstanding Performance in High School

References

Kohl Glau, Mechanical Engineering Professor: Kohl.Glau@nau.edu
Hannah Brey-Boswell, IGP Mentor: Hannah.Brey-Boswell@nau.edu
Edward Hood, Spanish Professor: Edward.Hood@nau.edu