

## **Nathan Estrada**

10404 Valle Rico Drive  
El Paso, TX 79927  
915-791-2788  
estradanathan498@yahoo.com

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### **SKILLS**

- NX 9.0 and 10.0
- Matlab & Matlab Simulink
- Microsoft
- EES & HVAC-Calc
- Problem solver
- Verbal and written skills
- Customer service
- Punctual

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### **EDUCATION**

#### **Dual Major: Mechanical and Aerospace Engineering**

##### *Relevant Course Work:*

- Thermodynamics
- Aerodynamics / Fluid Mechanics
- Advanced Flight Dynamics
- Systems Engineering
- Orbital Mechanics
- Propulsion

#### **Minor: Renewable Technology**

##### *Relevant Course Work:*

- Solar and Renewable Technology
- Heating, Ventilation, and Air-Conditioning
- Wind Water Energy
- Heat Transfer

New Mexico State University  
Las Cruces, NM 88003

August 2014 – Present  
GPA: 3.148

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### **WORK EXPERIENCE**

#### **Capstone Project, Fall 2019:**

- The capstone group selected me to participate in a Renewable Energy Capstone Project in collaboration with Swedish company, E.ON.
- The purpose of this project is to collect and analyze data comparing E.ON's method to a more conventional method of heating and cooling for future buildings located at New Mexico State University.
- We traveled overseas, met, and worked with them at Malmö, Sweden for 3 days in mid-September.

#### **Zuhl Library, Night Supervisor**

*New Mexico State University*

**August 2015 - Present**

- Oversee the closing of the library facilities ensuring money, safes and security of the doors.
- Enforce circulation policies and procedures while maintaining a high level of confidentiality.
- Assist patrons with library research, scanners, printers, copy machines and troubleshooter for library equipment.
- Handle numerous circulation transactions.
- Respond to complaints or concerns from patrons and inform higher management.

#### **Camino Real Middle School, Librarian Assistant**

*Ysleta ISD*

**August 2013 – June 2014**

- Answer phones, make copies, fax, attending customers returning books and checking out books.
- Make reports for head librarian; work on computer and various other duties as assigned.

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### **REFERENCES**

- **Mariaelena de la Rosa**  
*Collections Coordinator*  
New Mexico State University  
Las Cruces, NM  
575-646-6087  
[mdlr@nmsu.edu](mailto:mdlr@nmsu.edu)
- **Alisa C. Gonzalez**  
*Education & Social Sciences Librarian*  
Associate Professor  
New Mexico State University  
Las Cruces, NM  
575-646-6926  
[acgonzal@nmsu.edu](mailto:acgonzal@nmsu.edu)
- **Patricia Mejia**  
*Manager, Operations*  
New Mexico State University  
Las Cruces, NM  
575-646-1860  
[patmejia@nmsu.edu](mailto:patmejia@nmsu.edu)