Jacob Garcia

jacob.garcia@student.nmt.edu
505-350-3100
P.O. Box 3528, 801 Leroy Place 87801 Socorro, New Mexico

Objective: To obtain a position in which I can make a positive contribution, moving forward for not only my place of work, but my own ambitions as a computer scientist.

Education

New Mexico Institute of Mining and Technology

- Pursuing a Bachelor's Degree in Computer Science and Engineering
- Expected Graduation Date: Spring 2020

Moriarty High School

- Salutatorian
- National Honor Society

Professional Experience

Energetic Materials Research and Testing Center

Student Engineer

May 2019 - Present

- Developed gui applications in Matlab for engineers to process data gathered from experiments.
- Implemented parallel processing and variable precision to enhance data processing.
- Developed an application using Java/JavaFx to visualize an experiment with data processing features built in.

National Radio Astronomy Observatory-Socorro, New Mexico

Student Unix Systems Administrator.

January 2017-August 2018.

- Worked with Redhat 6 and 7 environments.
- Scripted in Bash and some Python.
- Computer building, installation and maintenance.
- Server maintenance.
- Network troubleshooting.

Skills

- Strong people skills, including proficiency in public speaking.
- Proficient with Matlab, C, Python, Java, Javafx, Bash, Git, Dplot, Linux/Unix based environments, Latex, and Microsoft Office.
- Experience with Intel x86 assembly, low level operating system concepts, C++, and Cuda.
- Experience with information technology, including desktop construction and operating system installs.