PROFESSIONAL DEVELOPMENT

Nevada Alliance For Quality Transportation Construction Certification (NAQTC) May, 2015

-Aggregate and Asphalt Extended

Caltrans Laboratory Qualifications Certification April 2015

Created and presented an alternative method to production of Lucentis to Genentech May 2013

Member of the American Institute of Chemical Engineers (AICHE) Sept 2012

EDUCATION

**Bachelors of Science, Chemical Engineering** 2014

*University of Nevada Reno*

PROFESSIONAL EXPERIENCE

**Materials Lab Technician**  **Sept 2017-Present**

*Nova Geotechnical and Inspection Services Las Vegas, NV*

* Responsible for processing and classifying soils and materials for uses in construction through different American Society for Testing Materials (ASTM) approved laboratory tests including but not limited to moisture density curve, AC%, gradations, Atterberg limits, and specific gravity.
* Proctors NAQTC performance exams for individuals to receive their certifications
* Trains new lab technicians and interns on the workings of the lab
* Maintains all proper equipment in the lab through calibrations, regular maintenance, repair and verification processes.

**Materials Lab Technician**  **Dec 2014- Aug 2017**

*Black Eagle Consulting, Reno, NV*

* Provided quality assurance and quality control work for numerous projects, including Tesla Gigafactory, Switch Data Center, Virginia Street Bridge, and Southeast Connector by means of associated ASTM tests
* Processed ten to twenty samples a day depending on tests needed and provided prompt results to clients.

**Assistant to College of Engineering Academic Advisors** **May 2013-Dec 2014**

*University of Nevada-Reno Reno, NV*

* Led and organized activities for the advising center such as orientation, registration, and weekly group advising.
* Answered in person, phone, and email inquiries regarding the Engineering programs as well as the university.
* Provided students with skills to create the most efficient schedule to best fit their needs.
* Worked directly with the academic advisors to evaluate the Engineering program through a student’s perspective
* Engaged incoming, transferring, continuing, prospective, and undecided students with any questions related to the Engineering program.
* Informed students about class registration, credit requirements, and maintaining status in the Engineering program.

OTHER EXPERIENCE

**Front Desk Representative**  **May 2012 - May 2013**

*Silver Legacy Hotel and Casino*

* Made sure all guests needs were met during demanding and busy holidays.
* Answered in person and phone inquiries about daily rates of the hotel and events happening around town.
* Reviewed accounts and charged guests for correct amounts during their stay, compensating, if necessary, for any issues that they may have had during their stay.

TECHNICAL SKILLS

* CHEMCAD
* Microsoft Office
* Basic Understanding of Python