**Brando Gutierrez**

Flagstaff, AZ/Tacoma, WA • (253)-620-0158 • bg464@nau.edu

**Summary of Qualifications:**

* Determined to integrate relevant coursework and experiences to air quality design and treatment for byproducts of finite energy consumption
* Effectively prepare a presentation and present vital information to an audience
* Ability to work on projects under pressure and without distractions
* Proficient in the Spanish language
* Competency with Auto-CAD and other computer software and ability to learn and operate new computer software quickly
* Not afraid to get involved

**Education:**

*Northern Arizona University*Expected Graduation: May 2017 Bachelor of Science in Engineering, Environmental Engineering, minor in Chemistry

* Cumulative ­­­3.8 GPA
* University Honors Program participant
* Dean’s List (5 Semesters) Spring 2014- Spring 2016

**Relevant Experiences:**

NAU Environmental Health and Safety

*Northern Arizona University—Flagstaff, Arizona* September 2015- Present

* Effectively managing all hazardous and biological waste throughout Northern Arizona University (NAU)
* Identifying and segregating chemical waste by the Resource Conservation and Recovery Act (RCRA) hazardous waste classification standards
* Generating Material Safety Data Sheets (MSDS) for all hazardous chemical products at NAU
* Collaborating with supervisors in ensuring Occupational Safety and Health Administration (OSHA) regulations are followed regarding campus indoor air quality, chemical handling and safety, wastewater characteristics, and laboratory inspections
* Recording and compiling environmental health and safety training logs for all occupants and users at NAU

Honors Engineering Mentorship Program

*Northern Arizona University—Flagstaff, Arizona* September 2015- Present

* Mentoring incoming honors and engineering freshman students
* Organizing and coordinating social events for community building experiences for all honors engineering mentees
* Establishing friendly and long-lasting relationships with mentees through one-on-one meetings

Air Quality Research

*Northern Arizona University—Flagstaff, Arizona* August 2015- December 2015

* Utilized Microsoft Excel to construct a noise map of the city of Flagstaff
* Evaluated and analyzed the quality of a participatory approach for collecting sample data
* Collaborated with Professor Terry Baxter in order to assess ambient noise collected by Smartphones and Androids

University of Washington-Tacoma: Aquatic studies

*University of Washington-Tacoma—Tacoma, Washington*  April 2010- June 2013

* Operated computer programs: Excel, graphs, etc. using Metallothionein (MT) to monitor metal stress in Mussels and aquatic worms, which are bio-indicator organisms
* Collected specimens and extracted metals found in their digestive glands and soft tissues
* Analyzed data in order to propose remedial project ideas and to present heavily metal contaminated sites in the Puget Sound to scientists and professionals at the University of Washington

Internship: APEX Engineering

*APEX Engineering—Tacoma, Washington* January 2013 – February 2013

* Collaborated with civil engineers on current projects and contributed to their plans, which further developed my leadership and time management skills
* Gained familiarity working with Cost Estimation Reports and Technical Information Reports, as well as conducted field sampling
* Exposed to, as well as utilized, AutoCAD drawings of civil engineering projects