**WOODY ARNOLD**

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**Professional Summary**

Aspiring technical writer and analyst looking to apply my technical background from engineering and international experiences

to mutually contribute my skills in the technical communications field.

**Skills**

Analytical and critical thinker AutoCAD
Microsoft Office Specialist (MOS) Expert Fast and Adaptive Learner
Blogging and Creative Writing Planning and Research
Effective Interpersonal Communication Hard Worker

**Work History**

**Research Intern** 6/2014 to 8/2014

**Martin-Luther-Universität Halle-Wittenberg** – Halle (Saale), Germany

Conducted sieve analysis of sediment samples coming from the Austrian Alps.
Assisted geography professors with researching publications related to the physical and ecological aspects of the
Kaunertal Glacier in the Austrian Alps and the cliffs of Wolin Island, Poland on the Baltic Sea.
Filtered water samples to determine conductivity and to find patterns of the environment near the Kaunertal Glacier.
Collected and filtered water samples to determine conductivity and to find patterns of the environment near the Kaunertal
Glacier.
Worked in the field in Wolin Island to laser scan the cliffs to determine changes due to erosion.

**River Watch Intern** 9/2012 to 1/2013

**San Diego River Park Foundation** – San Diego, CA

Volunteered in outreach events to educate people on the restoration of the San Diego River to its once pristine condition.
Tested the river for contaminants at various locations around the river.
Monitored the river for trash, graffiti, invasive plants, wildlife, and other issues.
Input data of the results of the monthly river testing in the field and vital information from community events.
Calibrated and prepared equipment and materials for the field.

Wrote up a preliminary proposal of a storm water study based on trends from events with recorded data of debris and pick
up.

**Civil Engineering Student** 8/2007 to 2/2010

**Los Angeles County Public Works** – Alhambra, CA

Worked with engineers in dealing with claims, minor concrete repair, resurfacing contracts, slurry contracts, and
maintaining all the as-builts in accordance with the budget of Los Angeles County Public Works.
Assisted with planning a budget to repair the streets in Compton, CA with drafting of blueprints of the areas that need
repair.
Helped with solutions to prevent landslides and road problems and surveyed potential repair areas.

**Education**

**MS Degree Coursework**: Environmental Engineering 2015

**San Diego State University** - San Diego, CA

​Chlorella vulgaris

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Worked on my degree project involving the building of a chemostat for the microalgae species,

**Study Abroad Semester**: 2013

**Technische Universität Graz** - Graz, Austria

Worked on a 6-week research project involving the biocontrols of several enterobacteria to find its relation to their effects on

lettuce.

**Bachelor of Science**: Civil Engineering 2009

**California State University, Long Beach** - Long Beach, CA
Worked with group for a senior design project on designing a 3-story, reinforced concrete recreational facility in Pershing

Square within the downtown Los Angeles area as a concept.