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# Tristan E Weir

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## Objective

To obtain employment under the tutelage of practicing engineers and gain valuable experience to compliment my engineering curriculum and previous experience.

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## Profile

Highly motivated individual with diverse education and work background. High degree of technical aptitude. Maintains high level of professionalism. Thrives in deadline-driven environments. Enjoys challenging projects. Excellent time and team management skills.

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## Pertinent Professional Experience

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### EDUCATION

- **Northern Arizona University:** Currently pursuing a B.S. in Environmental Engineering. I have completed six semesters of coursework at Northern Arizona University and have advanced to Senior level courses in the engineering curriculum and will graduate in May, 2014.
- **University of Connecticut:** Received B.A. in English – May, 2009.

### RESEARCH

- Assisted in research projects for the University of Connecticut. Performed water sample analysis while employed by the Center for Environmental Sciences and Engineering Water Nutrients Lab.
- As a field research specialist, my duties included contributing to experimental design, data analysis, report writing, fabrication of design components, and logistics. Research focused on observing tree windthrow and determining the effects of forest canopy on lower-atmospheric conditions for use in meteorological models and forest management.

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## Skills Summary

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| ♦ Employee Management                             | ♦ Excellent Written and Oral Communication                    | ♦ Project Financial Analysis                                |
| ♦ Report Preparation                              | ♦ Interpersonal Communications                                | ♦ Familiar with ARS Title 49                                |
| ♦ Highly Proficient in Science and Mathematics    | ♦ Proficient with MS Office Suite                             | ♦ Familiar with CFR Title 40                                |
| ♦ Engineering Analysis                            | ♦ Proficient in Surveying Methods and Total Station Operation | ♦ Familiar With Laboratory Water Sample Analysis Techniques |
| ♦ C++ and VB Programming                          |   | ♦ Familiar With Field Sampling and Preservation Techniques  |
| ♦ Familiar with Water and Wastewater Units Design |   |   |

## **Employment History**

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THE UNIVERSITY OF CONNECTICUT: DEPARTMENT OF NATURAL RESOURCES AND ENGINEERING –  
Storrs, CT  
Research Specialist, 2007-2009

- Experimental Design, Design Prototyping, Field Experiment Implimentation, Surveying, Mapping, Component Assembly and Installation, Data Analysis, Report Writing

THE UNIVERSITY OF CONNECTICUT: CENTER FOR ENVIRONMENTAL SCIENCES AND ENGINEERING –  
Storrs, CT  
Water Quality Laboratory - Research Assistant, 2006-2007

- Water Sample Analysis Techniques: BOD5, Solids Analysis, Spectral Analysis

## **Employment References**

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Dr. Mark Rudnicki - Professor - THE UNIVERSITY OF CONNECTICUT – Ph. (860) 688-3327

Dr. Vincent A. Webb - Graduate - THE UNIVERSITY OF CONNECTICUT- Ph. (978) 202-8509

Jesse Alexander – L'AUBERGE DE SEDONA – Ph. (928) 310-4014

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