

## Blaine Beck

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### OBJECTIVE

Seeking a full time Environmental Engineering position in the Dallas, Texas area where I can use my previous work experience and engineering education to help a company solve challenging environmental problems.

### EDUCATION

**Bachelor of Science in Environmental Engineering Sciences**  
University of Florida, Gainesville, FL

May 2015

### PROFESSIONAL CERTIFICATES

**Engineer-in-Training Certificates**  
Texas (No. 52169), Florida (Pending).

May 2015

### TECHNICAL SKILLS

ArcGIS (Intermediate), AutoCAD (Intermediate), Netica (Beginner), Microsoft Excel Visual Basic (Beginner).

### WORK EXPERIENCE

**Research Assistant**, University of Florida  
Gainesville, FL

September 2013 – May 2015

- Compiled spreadsheets for both leachate constituents and groundwater metal concentrations using landfill reports submitted to the Florida Department of Environmental Protection.
- Researched the environmental, economic, and social benefits of recycling construction and demolition debris for the Construction and Demolition Recycling Association (CDRA).
- Collaborated with sustainability researchers to analyze UF dumpsters and sort dumpster samples into components.

**Student Volunteer Internship**, EPA Gulf Ecology Division  
Gulf Breeze, FL

June 10, 2013 – August 16, 2013

- Trained primary researchers to implement Netica (probability software) by in-person coaching and written instruction manuals.
- Collaborated with scientists using Netica to forecast water quality for Guanica Bay, Puerto Rico. Predictions were compared to Clean Water Act standards.

### PROJECT EXPERIENCE

**Senior Corrosion Research**, UF Materials Sciences Engineering

August 2014 – May 2015

- Developed an innovative sustainable coating using bagasse ash and epoxy to protect oil infrastructure.
- Presented findings at National Association of Corrosion Engineers (NACE) national convention, Engineering School of Sustainable Infrastructure & Environment (ESSIE) symposium.

### LEADERSHIP

**Chemistry Outreach**, UF Chemistry Club

September 2013 – May 2015

- Designed and administered weekly hard science lab demonstrations for local disadvantaged elementary schools.

**Society of Environmental Engineers (SEE)**

April 2013 – April 2014

- Event Coordinator: organized the Environmental Engineering department holiday social, and other events to facilitate interactions of Environmental Engineering students, with faculty, staff, and prospective employers.
- Benton Engineering Council (BEC) Representative: attended BEC meetings to defend SEE's budget as well as council sponsored leadership training to motivate members to become leaders.

**Tau Beta Pi Engineering Futures Program**

February 2014 – April 2014

- Group Process Module: learned how to efficiently manage meetings and manage group dynamics.
- Analytical Problem-Solving Module: learned about problem-solving, advanced creativity, list reduction, and decision making.
- Team Chartering Module: learned how to define the role of teams and developing the team's own charter.