

JESSLYN LANDGREN

Geographer | Engineer | Aspiring Web Developer

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EDUCATION

University of Iowa (Iowa City, IA)
M.S. Geoinformatics

Aug 2014 - Present
Expected July 2016

Georgia Institute of Technology (Atlanta, GA) Aug 2006 – May 2010
B.S. Environmental Engineering

SKILLS

Python ●●●●●
Java ●●●●○
Twitter API ●●●●○
HTML/CSS ●●●○○
Tableau ●●●○○

EXPERIENCE

Graduate Fellow & National Science Foundation IGERT Trainee

Aug 2014 - Present

UNIVERSITY OF IOWA (Iowa City, IA)

Geoinformatics for Environmental and Energy Modeling and Prediction (GEEMaP) Program

- Perform both individual and group graduate level research
- Fall 2014 project: Determining locations of potential frac sand mining sites in Winneshiek County, Iowa in collaboration with the Iowa Initiative for Sustainable Communities (IISC)

Associate Engineer II

Jun 2011 - Jul 2014

ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC. (Iowa City, IA)

Worked exclusively with a national transmission utility client as a member of the environmental team and the primary engineer responsible for environmental data management and report development for two regional systems. This included Spill Prevention Control and Countermeasure (SPCC) plans, environmental audit results, AutoCAD site layout plans, EPA PCB registered equipment listing, and Tier II reporting.

Junior Engineering Intern

May 2009 - Aug 2009

SCANA (Cayce, SC)

Summer internship with the Corporate Environmental Services Department, provided general field and administrative support to all department team members. Projects included: field wetland delineation for corridor pipeline project, evaluation of pilot EMS implementation. Individual projects included emissions calculations for fleet service facilities, research and web documentation of applicable local environmental regulations

Undergraduate Researcher

UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE (Charlotte, NC)

May 2008 - Aug 2008

Summer Research Experience for Undergraduates (SREU) program under Dr. James Bowen. Performed maximum pollutant load simulation for Cape Fear River. Developed and implemented field data collection system to evaluate and study success of SolarBee mixing technology in Lake Don T. Howell

HONORS & AWARDS

- **NSF IGERT Fellowship:** 2 years of graduate fellowship stipend
- **Georgia Tech President's Scholar:** Awarded to the top 2% of Georgia Tech applicants

SERVICE

- **Guest Presenter:** AP Geography course at Washington High School (Cedar Rapids, IA)
- **Grad Student Rep:** University of Iowa President's Charter Committee on Family Issues
- **Grad Student Rep:** University of Iowa Council on Teaching
- **Region Chair & Interviewer:** Georgia Tech President's Scholarship Program