

# JESSLYN LANDGREN

full-stack developer | engineer | geographer

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704.779.8391

I'm a full-stack developer specializing in the MEAN stack and geographic visualization tools. I am a strongly detail-oriented person with a love for organization and eager to apply those skills to development. I move easily between both halves of the stack and am looking for employers who make my continued learning a priority.

## RECENT PROJECTS

### AirNav

Dec 2016

Demo: [airnavATL.com](http://airnavATL.com)

Github: <https://github.com/jesslynlandgren/airnavATL>

**Summary:** Group Project #2 @ DigitalCrafts. Web and mobile app that gives turn by turn directions for point to point trips within the ATL airport. Responsible for concept, graph network development, and front-end

**Skills Used:** JavaScript (AngularJS), Leaflet, Python, HTML

### Nerd Review

Oct 2016

Demo: [nerdreview.co](http://nerdreview.co)

Github: <https://github.com/jesslynlandgren/nerdreview>

**Summary:** Group Project #1 @ DigitalCrafts. Developed a site for expert and niche product reviews. Served as Scrum master for the group, and coded both on the front-end and back-end. Responsible for grid sorting feature and README.

**Skills Used:** Python, Flask, PostgreSQL, HTML, CSS

### TripGoalie

Oct 2016 – MARTA Hackathon

Demo: [tripgoalie.com](http://tripgoalie.com)

Github: <https://github.com/SoccerStreets/soccerstreets>

**Summary:** Web app to facilitate safe travel of minors on MARTA. Worked with one other team member to developed the database and back-end user account functionality.

**Skills Used:** Python/Flask PostgreSQL, Bootstrap

### Memory Monsters

Nov 2016

Demo: <http://jesslyn-memory-game.surge.sh>

Github: [https://github.com/jesslynlandgren/memory\\_game](https://github.com/jesslynlandgren/memory_game)

**Summary:** Game to simulate classic memory card game. User flips one card at a time and tries to match a pairs.

**Skills Used:** JavaScript, AngularJS, HTML, CSS, Bootstrap

## EDUCATION

## SKILLS

Sep 2016 – Present	<b>Immersive Development Coding Bootcamp</b> Digital Crafts (Atlanta, GA)	Python/Flask HTML CSS
Aug 2014 – Present	<b>M.A. Geography, Geoinformatics cert.</b> University of Iowa (Iowa City, IA)	JavaScript (MEAN Stack) Java PostgreSQL
Aug 2012 – May 2014	<b>Non-degree studies (Bio &amp; Ag Eng.)</b> North Carolina State University (Online)	Tableau Leaflet / Mapbox AWS/EC2
Aug 2006 – May 2010	<b>B.S. Environmental Engineering</b> Georgia Institute of Technology (Atlanta, GA)	

LINKEDIN: [linkedin.com/in/jesslynlandgren](https://www.linkedin.com/in/jesslynlandgren)

BLOG: <http://medium.com/@jesslyn.landgren>

## WORK EXPERIENCE

**Aug 2014 – Aug 2016**    **Graduate Fellow, IGERT GEEMaP Trainee**

University of Iowa (Iowa City, IA)

Geoinformatics for Environmental and Energy Modeling and Prediction (GEEMaP). Performed interdisciplinary group and individual graduate level research while completing additional training in science communication & research ethics. Projects included: spatial analysis of election-related tweets and python tools for processing the twitter stream

**June 2011 – July 2014**    **Associate Engineer II**

Environmental Consulting & Technology, Inc. (Iowa City, IA)

Primary engineer responsible for maintaining asset information and environmental reporting for two electric transmission systems, including: SPCC plans, environmental audit results, site layout plans, PCB equipment listing, and Tier II reporting

**May 2009 – Aug 2009**    **Junior Engineering Intern**

SCANA (Cayce, SC) - Corporate Environmental Services

Provided general departmental support across multiple projects including: field and desktop wetland delineation, EMS implementation evaluation (ISO 14000), emissions calculations, web documentation of local environmental regulations for inter-company reference.

**May 2008 – Aug 2008**    **Undergraduate Researcher**

UNC Charlotte (Charlotte, NC) - Department of Civil & Environmental Engineering

Developed and implemented field data collection system to evaluate and study success of SolarBee mixing technology in Lake Don T. Howell

## SERVICE

**2011 - Present**    **Midwest Region Chair - Semifinal Interviews**

Georgia Tech Stamps President's Scholarship Program

**Fall 2015 – Spring 2016**    **Grad Student Rep**

Graduate Program Committee, Geography Department (University of Iowa)

**Fall 2015 – Spring 2016**    **Grad Student Committee Member**

President's Council on Teaching (University of Iowa)

**Fall 2015 – Spring 2016**    **Grad Student Committee Member**

Family Issues Charter Committee (University of Iowa)

## HONORS

**Aug 2014 – Aug 2016**    **Graduate Fellow**

National Science Foundation, IGERT Trainee Fellowship

**Aug 2006 – May 2010**    **President's Scholar**

Georgia Institute of Technology