

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

Github: https://github.com/DigitalCrafts-September-2016-Cohort/the_a_team2

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

Github: https://github.com/DigitalCrafts-September-2016-Cohort/team_freedom_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

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

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

Immersive Development Coding Bootcamp
Digital Crafts (Atlanta, GA)

Python/Flask
HTML
CSS

Aug 2014 – Present

M.A. Geography, Geoinformatics cert.
University of Iowa (Iowa City, IA)

JavaScript/AngularJS
Java

Aug 2012 – May 2014

Non-degree studies (Bio & Ag Eng.)
North Carolina State University (Online)

PostgreSQL
Tableau
Leaflet / Mapbox

Aug 2006 – May 2010

B.S. Environmental Engineering
Georgia Institute of Technology (Atlanta, GA)

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

BLOG: 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