

## Selected Skills

### Web Development:

- JavaScript
  - jQuery
  - Node.js, Express.js
  - Angular.js
  - Ajax
  - JSON
- CSS3
  - Bootstrap
  - Sass
  - Flexbox
- HTML5
- Ruby
  - Rails
  - Sinatra
  - RSpec
- Python (*basic*)

### Data Management &

#### Analysis:

- SQL (MySQL, PostgreSQL)
- NoSQL (MongoDB)
- Stata
- Excel (VLOOKUP, pivot tables)
- VAN

### Data Visualization:

- D3
- Excel (advanced tables/charts)
- Mapping:
  - Leaflet.js
  - Mapbox
  - ArcGIS

### Deployment:

- Git/Github
- Heroku
- WordPress

### Methodologies:

- Object-Oriented Programming
- Command Line
- Agile (Scrum)
- Test-Driven Development

### Other

- Writing
  - Analytical
  - Persuasive
- Public Speaking
- Public Policy Research
- Project Management
- Teaching/Mentoring
- Digital Communications

## Full-Stack Web Developer ♦ Data Enthusiast ♦ Accomplished Problem Solver

Eager collaborator with a fiery passion for data-driven outcomes and a predilection towards the common good. Constantly seeking opportunities to build user-friendly tools that synthesize raw information into valuable and actionable knowledge.

### Education

Web Development Immersive, **General Assembly**, DC. Completed 9/2015.

Master of Public Policy, **George Washington University**, DC. GPA: 3.9/4.0. Graduated 1/2011.

B.A., Political Economy, **Williams College**, Williamstown, MA. 2x Dean's List. Class of 2004.

### Development Experience

Web Development Immersive Student, **General Assembly**, DC, 6/2015 – 9/2015

Full-stack web development program focused on common best practices in object-oriented programming, MVC frameworks, data modeling, and test-driven development. Developed a portfolio of individually focused and collaboratively focused projects.

**LegiTrackDC**: Two-part app built with Rails and Angular.js. Draws from the API underlying the DC Council's legislative database (LIMS) into a customized API with added parameters, and provides a flexible interface for that API with "support/oppose" functionality, real-time search, sorting by a range of parameters and more.

**Trip.it**: A responsive mobile app for planning road trips, produced in conjunction with three developers and two UX designers during GA Innovation Lab Hackathon. Created personas, developed wireframes, helped with card sorting to determine user priorities, and built a responsive front-end platform based on UX-designed prototype.

**DCFutur Blog**: User-generated blog built with Ruby on Rails. Includes handrolled user authentication, full CRUD capability for users, posts and comments, categories/tagging functionality, and partial integration with main DCFuture site.

**GA Blackjack**: A full-featured blackjack game built with Javascript, HTML and CSS.

Founder, **DCFutur.com**, DC, 12/2014 – present

Launched DCFuture, a multifaceted platform empowering DC residents to engage directly with each other and with their local government. Worked with two Wordpress developers to design, scope and build front-end structure. Created and manage invite-only e-mail list of potential contributors with ~80 members. Currently in discussions with stakeholders to best determine the optimal development process for individual modules and back-end features.

### Other Relevant Experience

Research Associate, Center on Nonprofits and Philanthropy

**Urban Institute**, DC, 11/2012 – 12/2014

Analyzed National Center for Charitable Statistics data using SQL data queries and statistical analysis using Excel and Stata. Sole author of a groundbreaking, comprehensive report on the activities and structures of 501(c)(4) organizations.

Co-Founder and Managing Partner

**Main Street Insider**, DC, 3/2010 – 2/2012

Spearheaded the development, promotion and ongoing production of three products – 90 Second Summaries, the Committee Dashboard, and the Weekly Progressive newsletter – that made the Congressional legislative process not just accessible, but *interesting*, to everyday citizens.

Research Assistant, State Fiscal Project

**Center on Budget and Policy Priorities**, DC, 9/2007 – 7/2009

Co-Founder and CFO

**Night Owl Deliveries LLC**, Boston, 12/2004 – 5/2006