

Amy M. Bertken

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EDUCATION

Galvanize Full Stack (gSchool), Boulder, CO | Graduated July 2015

University of Colorado, Boulder, CO | M.A., English | Graduated Aug. 2010

Pomona College, Claremont, CA | B.A., English | Graduated May 2004

TECHNOLOGIES

- JavaScript
- Ruby
- Rails
- Node
- Express
- Angular
- jQuery
- CSS
- HTML
- Jade
- PostgreSQL
- RSpec
- Git

SKILLS

- Organizing information
- Writing
- Presenting
- Critical thinking
- Research
- Mentoring
- Adapting messages to different audiences

INTERESTS

- Languages, both machine & natural
- Representing data
- Running up hill less slowly

PROJECTS

WordsWithCharles

[On GitHub](#) | [Live Site](#)

Words with Charles functions as both a dictionary and a literary research tool. A user enters a word or phrase, and the app looks up that word or phrase in the complete works of Charles Dickens, returning all the paragraphs where Dickens used that word or phrase along with a definition and some stats on Dickens' usage. Built in **JavaScript** using **Node**, **Express**, **PostgreSQL**, and **Angular**. Adaptation of Dickens' works to the SQL database required some **Python**.

InstagrAlbums

[On GitHub](#) | [Live Site](#)

InstagrAlbums allows users to search Instagram images by current location, returning a slideshow of up to 30 images taken within 30 meters. The user can then click on an image to save it to an album for later use. Built in **Ruby** and **Rails** with a **PostgreSQL** database, the site also uses **jQuery** and Instagram **OAuth**.

BlogReader

[On GitHub](#)

This app grabs a semester's worth of my students' weekly blog posts via the WordPress.com API and presents data—including unique words used, Flesch-Kincaid grade level, and blog post length—for both individual students and for the class as a whole. Permissions allow instructors to see data for all students, but students can only see their own data compared to aggregates. The app uses the **WordPress.com API**, **Ruby**, **Rails**, **PostgreSQL**, and **Bootstrap**.

EXPERIENCE

Program for Writing and Rhetoric, University of Colorado

Jan. 2007 – Dec. 2014

Full-Time Lecturer, Graduate Part-Time Instructor, Writing Center Consultant

- Developed curricula for 6 courses, including [Writing on Science and Society](#), [American Satire](#), [First Year Writing and Rhetoric](#), and [Sports and American Culture](#) (links are to course websites), and revised those curricula based on student feedback/performance, both on the fly and each semester.
- Advised, assessed, and managed ~80 students every semester (~700 students across 14 semesters), including 24-7 email availability and 3+ weekly office hours.
- Presented "Redefining Student Writing: Collaborative Identities and Digital Spaces," at the Conference on College Composition and Communication (CCCC) in Saint Louis, MO, March 2012.
- Used new technologies and innovative pedagogical practices, including, in Spring 2014, building and using a program to automate peer feedback using JavaScript, Google Scripts and Google Forms.