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TECHNOLOGIES

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

STRENGTHS

Problem solving
Readable, organized code
Agile development practices
Independent learning
Research
Communication

EDUCATION

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

M.A. in English,
University of Colorado,
Boulder, CO (2010)

B.A in English,
Pomona College,
Claremont, CA (2004)

Amy M. Bertken



Full Stack Web Developer

PROJECTS

WordsWithCharles

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

Words with Charles functions as both a dictionary and a literary research tool. A searches for a word and the app returns every paragraph containing that word from the complete works of Charles Dickens along with a definition and some statistics on Dickens' usage. Built in **JavaScript** using **Node**, **Express**, **PostgreSQL**, and **Angular**. Adaptation of Dickens' works to the SQL database required some **Python**.

InstagrAlbums

[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 on Rails** with a **PostgreSQL** database, the site also uses **jQuery** and Instagram **OAuth**.

BlogReader

[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. 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); actively revised curricula based on student feedback/performance, both on the fly and for each subsequent semester.
- Advised, assessed, and managed ~80 students every semester (~700 students across 14 semesters), including 24-7 email availability and 3+ weekly office hours.
- 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.
- Presented "Redefining Student Writing: Collaborative Identities and Digital Spaces," at the Conference on College Composition and Communication (CCCC) in Saint Louis, MO, March 2012.