

# S. Scott Schupbach

San Francisco, CA • **PHONE** (512) 638-7024 • **E-MAIL** ssschupbach@gmail.com

---

## WORK HISTORY

### Web Developer

*Denali Adventure Tours (Summers 2010 - 2015)*

- Built administrative tour reservation system with PHP and MySQL (over 5,000 tours booked), including sales report generation and dashboard, as well as [user-facing informational site](#)
- Automated online reservations to decrease daily workload and increase off-season sales
- Wrote the foundation to move to a Rails back end, a Backbone.js front end, and a more optimized database structure

### Teaching Assistant in Linguistics and ESL

*University of California, Santa Barbara (2013 - 2014), University of Montana (2011 - 2013)*

- Researched, designed, and implemented curricula for two ESL courses and collaboratively developed curricula focused on practical application of lecture content for three linguistics courses
  - Received excellent end-of-course evaluations from all classes
- 

## PROJECTS

**Stargate: Planetary Defense** (*JavaScript, HTML5/CSS3*) | [live](#) | [github](#)

*Reimagined classic arcade-style game created with HTML5 Canvas*

- Implemented [custom key handler](#) to allow for multiple simultaneous key events
- Included several difficulty levels and game lengths for variability of game play

**PuddleJumper** (*Rails, Backbone*) | [live](#) | [github](#)

*Stargate travel search engine, inspired by kayak.com*

- Wrote sophisticated [search service](#) for single-hop graph traversal
  - Optimized bandwidth by processing permutations and reassembling the graph on the front end
  - Utilized local storage to save prior search parameters and primary traveler info for future searches
- 

## EDUCATION

**Web Development Program** - *App Academy, Spring 2015*

- Immersive course with focus on full-stack web development and agile methodologies
- Strong emphasis on code quality, best practices, common algorithms, and design patterns
- Acceptance rate <5%

**Coursework towards a PhD Linguistics** - *University of California, Santa Barbara (left in good standing)*

- Investigated issues of linguistic complexity from corpus and computational linguistic viewpoints using Python and R to analyze data and visualize results ([working paper on Academia.edu](#))
- Co-founding member of [Wugbot](#), an extracurricular student group devoted to exploring computational approaches to solving linguistic problems

**MA Linguistics** - *University of Montana, 2013 (GPA 4.0)*

- Thesis: [The Blackfoot demonstrative system: function, form, and meaning](#)

**BA Classics** - *Grand Valley State University, 2010 (GPA 3.975)*

- Recipient of the Department Award, given to one student each year for academic excellence
- 

## SKILLS

**Core skills:** Ruby, Rails, JavaScript, SQL, HTML, CSS, jQuery, Backbone.js, git

**Also experienced with:** Python, R, PHP, TDD/BDD, RSpec, Jasmine

---

**PORTFOLIO** [www.scottschupbach.com](http://www.scottschupbach.com) • **GITHUB** <https://github.com/scottyschup>

**LINKEDIN** <https://www.linkedin.com/in/scottschupbach> • **ACADEMIA.EDU** [independent.academia.edu/SScottSchupbach](https://independent.academia.edu/SScottSchupbach)