

ERICH UHER

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PROJECTS

Where Them Feeds At?

[live github](#)

RSS feed aggregator built with Ruby on Rails and Backbone.js

- ▶ Utilized OpenGraph and regular expressions to scrape article metadata.
- ▶ Customized JSON serializers for data structures to prevent excessive database queries.
- ▶ Utilized AJAX requests to update PostgreSQL database while giving user immediate visual feedback.

eBoards

[live github](#)

Project management web app built with Ruby on Rails and Backbone.js

- ▶ Reduced the frequency of DOM lookup events to optimize browser performance.
- ▶ Implemented jQuery UI plug-ins to allow resorting of items with drag/drop cursor interactions.
- ▶ Optimized backbone view rendering to remove unnecessary event delegation.

EXPERTISE

- ▶ Ruby, Ruby on Rails, Javascript, Backbone.js, jQuery, SQL, HTML/CSS, Git, MATLAB

EXPERIENCE

Postmates

Bike Courier

San Francisco, CA
Nov. 2013–present

- ▶ Have completed 870+ deliveries with an average customer rating of 4.9/5

Desert Research Institute

Graduate Research Assistant

Reno, NV
June 2010–Dec. 2012

- ▶ Created and ran Weather Research and Forecasting model case studies to demonstrate interaction of weather features with complex terrain.
- ▶ Determined the observed climatological distribution of significant wind events to advise large-crane construction operation.
- ▶ Designed and implemented quality control algorithms for Doppler radar wind profilers at Cape Canaveral. Identified climatological variation of low-level jets relevant to plume dispersion.

University of Nevada, Reno

Physics Laboratory Teaching Assistant

Reno, NV
Jan. 2010–May 2010

- ▶ Instructed 60+ undergraduate students in applied electromagnetism and wave-particle physics.

EDUCATION

App Academy, San Francisco

October 2014. Intensive full-stack web development course. Less than 5% acceptance rate.

University of Nevada, Reno

Master of Science, Atmospheric Science, August 2013

- ▶ Thesis: "Topographic Influence and Atmospheric Dynamics in the Indian Wells Valley."

University of California, Davis

Bachelor of Science, Atmospheric Science, June 2008

OTHER ACCOMPLISHMENTS

Hiking Mt. Whitney, writing a disco zine, organizing and performing a rock concert in a cave.