Andrew Hautau

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Blog: hautaulogy.com
GitHub: github.com/CrossTheStreams

Education

2012–2013 **Certificate, Data Science**, *University of Washington*, Seattle, WA.

2011–2012 **Certificate, Ruby Development**, *University of Washington*, Seattle, WA.

2009–2010 **Master of Science, Information Studies**, *Florida State University*, Tallahassee, FL.

2005–2009 **Bachelor of Arts, Music and History**, *Florida State University*, Tallahassee, FL.

Professional Experience

October 2014–Present **Senior Software Engineer**, *Trakstar*, Seattle, WA.

Trakstar is platform for HR needs including performance appraisals, goal setting, and continuous feedback.

- I work on the full stack of our web application to engineer features, provide support to customers, and keep our services highly available and performant.
- One of two engineers to develop a completely new dev-ops solution for Trakstar, using Chef and Serverspec.

May 2014–October 2014 **Software Developer (contract)**, *Whitepages*, Seattle, WA.

Whitepages is the leading provider of identity information in North America.

- As a developer on the Core Site team, I built and refactored application software to serve millions of active users. This primarily consisted of work on a variety of Rails web services and APIs and implementing client-side Javascript for metrics and endemics ads.

November 2013–April 2014 **Co-Founder & CTO**, *bubblr*, Portland, OR & Seattle, WA.

bubblr was a platform for sharing and discovering music geospatially, i.e. on a map.

- I oversaw all technical decisions and application development. This included development of our iOS application, web application, and Rails backend. I also assisted in product and operational responsibilities with my co-founder as needed.

2012–April 2014	**Lead Software Developer**, *LikeBright*, Seattle, WA.
	LikeBright was a dating site that leveraged Facebook data to connect people through mutual interest.
	○ I provided leadership to other developers and non-technical team members in the development of product features.
2011–2012	**Data Indexer**, *Institute for Health Metrics and Evaluation*, Seattle, WA.
	Technical documentation and metadata creation in support of the Global Health Data Exchange (GHDx) and other epidemiological projects.
	○ As a project for the Ruby Certificate program at UW, I developed a data visualization tool for GHDx metadata using Rails and D3.js.
2009–2010	**Graduate Assistant**, *Florida State University Libraries*, Tallahassee, FL.
	In digitization efforts of the archive's collections, I gained an applied knowledge of HTML and CSS.

Recent Projects

Active Record Nearest Neighbor.

A Ruby gem that provides convenience methods for nearest neighbor geospatial queries with ActiveRecord and PostGIS.

HayStack.

A data visualization of homelessness data produced by the U.S. Department of Housing and Urban Development using D3.js and the MapBox Javascript SDK.

WebChess.

A work in progress as of October 2014, WebChess is a web application that uses Backbone.js and a new Ruby web framework, Lotus.

Hautaulogy.com.

My blog, a simple Rails 4 app

Titanic Kaggle Competition.

I submitted an entry for a Kaggle competition to predict survivors of the RMS Titanic. Using R, I developed an approach using a Support Vector Machine that successfully beat the benchmark with a score of 79%.

Skills

Backend.

- Rails
- Node.js
- Sinatra
- MySQL, PostGreSQL, SQLite

Mobile.

- iOS

Web Front End.

- Backbone.js
- jQuery
- Twitter Bootstrap
- D3.js
- jQueryUI

Analysis and Machine Learning.

- R

Personal Interests

Music (principal instrument saxophone, also enjoys guitar and keyboard), Rock climbing (bouldering, top roping, lead), traveling, reading

References

Available upon request.