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

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

bubblr is a platform for sharing and discovering music geospatially, i.e. on a map. When a user shares a track (using an external content service such as SoundCloud or YouTube), it is "dropped" on the map as a "bubble". Users listen to bubbles that others have dropped nearby and curate bubbles by using a voting system.

- I have thus far lead all technical decisions and application development. This includes development of our iOS application, web application, and Rails backend. I also assist in product and operational responsibilities with my co-founder.

2012–April 2014 — **Lead Developer**, *LikeBright*, Seattle, WA.

LikeBright is a dating site that leverages 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

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. I developed the visualization in partnership with the King County Committee to End Homelessness as part of the Hack To End Homelessness event.

Neigel Vintners.
A simple responsive landing page for a cider company in Wenatchee, WA.

The Government Shutdown Kept Me From....
In early October 2013, I made a simple Rails app, coupled with a Twitter bot, for people to share stories about the shutdown of the federal government.

Magneeto.
Magneeto was the winning team at the first ever Maker Edition of Startup Weekend. Our team demonstrated a prototype of a versatile means of personal data collection and analysis for physical exercise. I lead our team in development of the consumer software interface.

Hautaulogy.com.
My blog, a Rails and Backbone.js app I made from the ground up.

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%.

Rainbow Spaghetti.
A Rails application that does a nightly scrape of Kaggle leaderboards for visualization of competitions overtime using D3.js.

Skills

Backend.

- Rails
- Sinatra
- Node.js
- MySQL, PostGreSQL, SQLite
- Neo4j Graph Database

Mobile.

- iOS

Web Front End.

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

Analysis and Machine Learning.

- R
- Weka

Personal Interests

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

References

Available upon request.