

# Andrew Hautau

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Blog: [hautaulogy.com](http://hautaulogy.com)  
GitHub: [github.com/CrossTheStreams](https://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.

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## Recent Projects

### **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.

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

## References

Available upon request.