

# Andrew Hautau

☎ 206 601 0226  
✉ [arhautau@gmail.com](mailto:arhautau@gmail.com)  
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

- October **Senior Software Engineer**, *Trakstar*, Seattle, WA.
- 2014–Present 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– **Software Developer (contract)**, *Whitepages*, Seattle, WA.
- October Whitepages is the leading provider of identity information in North America.
- 2014 ○ 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 **Co-Founder & CTO**, *bubblr*, Portland, OR & Seattle, WA.
- 2013–April bubblr was a platform for sharing and discovering music geospatially, i.e. on a map.
- 2014 ○ 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 **Lead Software Developer**, *LikeBright*, Seattle, WA.

2014 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.

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## 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.

### **Hautalogy.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%.

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## Skills

### **Backend.**

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

### **Mobile.**

- iOS

### **Web Front End.**

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

### **Analysis and Machine Learning.**

- R
- Weka

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## Personal Interests

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

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## References

Available upon request.