

Gareth W. Tan

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RECENT PROJECTS

Lifestream. <http://lifestream.garethtan.com>

<http://www.github.com/garetht/lifestream>

- Rails journal app with hierarchical categories and live Markdown support, custom scripting language text expander, drag and drop file uploading and tag reordering, AJAX and jQuery UI user interface with UJS, geolocation and Google Maps location tagging, Sendgrid on S3 for user email confirmations
- Model and view testing with RSpec, Poltergeist, and Capybara with Guard on Spork server

Shuffle. <http://shuffle-app.herokuapp.com>

<https://github.com/garetht/shuffle-app>

- Rails single-page music app using Tomahawk API for serving music, Echonest API with jQuery UI autocomplete for artist name search, and Facebook login with OAuth and Devise
- Built collaboratively within 24 hours in Facebook's Summer of Code Hackathon

EDUCATION

University of Chicago, The College, Chicago, IL — Sep 2010 - Jun 2013

B.A. with Honors in Political Science. **GPA:** 3.86

Thesis: *On the Foundations Necessary for the Establishment of a Liberal Archipelago*

Honors: Dean's Lists 2011/2012 and 2012/2013, Phi Beta Kappa

CS/Math Courses: Honors Computer Science, Honors Calculus, Computer Systems, Formal Languages, Computational Biology and Computational Linguistics

Languages: Ruby, Javascript, Python, C, some Haskell

EXPERIENCE

Legal Intern, Equal Employment Opportunity Commission, Chicago — Jun 2012 - Aug 2012

- Analyzed and perused documents and data to help formulate legal theories of employment discrimination
- Mastered Concordance legal database and VBA for Microsoft Excel to produce statistical reports

Applications Manager, LSE Model United Nations, United Kingdom — Nov 2009 - May 2010

- Worked to appraise and select delegates for a crisis simulation MUN conference
- Managed and corresponded with 170 applications to resolve problems

Orchestra Executive, Orchestra of the Music Makers, Singapore — Nov 2007 - Nov 2008

- Collaborated with a pro tempore committee to form a symphony orchestra
- Jointly awarded the HSBC Youth Excellence Award 2009

ACTIVITIES

Publications

"*Prometheus* and the Future of Software Patentability", Washington Undergraduate Law Review, Vol. VI, Issue III