

# ETHAN NETLAND

## EDUCATION

---

**Northeastern University** 2008 - 2013  
Bachelor of Science in Computer Science and Business Administration, *magna cum laude*  
**Coursework** Software Development, Web Development, Database Design, Object Oriented Design, Fundamentals of Computer Science  
**Clubs** Association for Computing Machinery, Honors Mentor, Entrepreneurs Club, Upsilon Pi Epsilon, Finance and Investment Club  
**Honors** Northeastern Merit Scholarship, Dean's Scholarship

## WORK EXPERIENCE

---

**Clypd** July 2013 - Present  
Software Engineer  
*Ruby, Rails, Rspec, Git*

- Using Ruby and Resque, write tasks to import data from various partners and clients into our Postgres database.
- Build Rails based APIs to expose reporting data to other services, primarily our client UI.
- Developed integration with major strategic partner Invidi, working with members of their development team to allow our backend to insert orders directly into their system.
- Created an OpenRTB compliant bidding system in Ruby using Rails Metal and Redis to quickly parse bid requests from our internal exchange, filter advertisements based on several criteria, and render a JSON response.

**TapWalk** July - December 2012  
Rails Engineer  
*Ruby, Rails, Rspec, AWS, Heroku, Git*

- Responsible for entire Rails stack for client-facing admin site: feature development and maintenance, testing using RSpec, and deployment to Heroku.
- Managed front-end as well; using Javascript, HTML, and CSS to improve tagging, icon hierarchies, file uploads, list ordering, and other elements of the user experience.
- Upgraded the user authentication and authorization system using Devise and CanCan to improve security and introduce tiered client pricing.

**Goldman Sachs Agency Lending** July - December 2011  
Software Development Co-op  
*Java, Perl, SQL, Shell Scripting, Visual Basic, SVN*

- Worked on a small team developing internal software for Agency Lending business units.
- Automated business processes using Perl and shell scripts, developed features for the internal Java/Swing application, automated business intelligence reporting from trading data.
- Headed project with Operations team to architect, implement, and launch new internal application to automate the security returns process, saving hours of manual work each day.

**Charles River Development** July - December 2010  
Software Development Co-op  
*Java, C#, SQL, JUnit*

- As part of the Securities and Accounts team, I was responsible for implementing and testing a wide variety of investment vehicles for the trading software.
- Wrote unit tests for security validations in JUnit, business logic in Java, and GUI upgrades for security management in C#

## LANGUAGES

- Ruby
- Javascript
- Python
- Java

- HTML
- CSS
- SQL

## SOFTWARE/SERVICES/Frameworks

- Rails
- RSpec
- Git
- PostgreSQL
- Backbone.js
- Redis
- Heroku
- AWS (S3/EC2)

## INTERESTS

---

- Premier League Football
- Music
- Film
- Cooking
- Generative Art & Design

WWW.ENETLAND.COM

26 ARDEN ST • ALLSTON MA • 02134

✉ ENETLAND@GMAIL.COM ☎ (207) - 615 - 6972