

Peter Northup

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Recent projects

GPXtra GPXtra, a Strava clone built with Rails, Backbone, Bootstrap, Leaflet.js, and d3.js. Upload GPS tracks from your workouts to see them mapped and analyzed, get per-workout and aggregate statistics, and follow your friends.

<http://gpxtra.pnorthup.me>

Source: <https://github.com/eudinaesis/gpxtra>

SimpleTetris The classic puzzle game, in JavaScript.

<http://pnorthup.me/tetris/tetris.html>

Source: <https://github.com/eudinaesis/tetris>

Skills

Ruby, Ruby on Rails, JavaScript, Backbone.js, jQuery, d3.js, Python (basic), SQL, HTML, CSS

Education

2013 *AppAcademy*, San Francisco

3-month intensive Rails and JavaScript course, emphasizing pair-programming and OO concepts.

2011 **MA**, *New York University*, New York City, *Politics*.

PhD candidate; areas of concentration: constitutional theory, rational-choice and historical institutional analysis.

2003 **BA**, *University of Chicago*, Chicago, *Economics*.

General Honors; PhD coursework in game theory and microeconomics.

Employment

2014–present **Technical services engineer**, *Extole*, San Francisco, CA.

Custom front-end web development for enterprise clients, building on Extole's referral marketing technology.

2013 **Marketing services assistant**, *Wiley*, San Francisco, CA.

Streamlined the production of online catalogs through automated link testing with Ruby.

2011–2012 **Tutor**, *TestMagic, Inc.*, San Francisco, CA.

Tutored high-school students in science, math, and essay-writing.

2009–2011 **Visiting researcher**, *Max Planck Institute for Comparative and International Public Law*, Heidelberg, Germany.

Worked on comparative constitutionalism dissertation project.

Personal

I've been obsessed with computers since the IBM PCjr days, scripting dial-up BBS games in middle school, working as an independent computer consultant out of high school, and reselling overclocked CPUs as an undergrad. After a detour into academia grappling with big-picture questions of constitutional politics, I'm eager to tackle concrete problems and develop tools that make people's lives better.