# 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

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

## Education

**2013** *AppAcademy*, San Francisco
3-month intensive Rails and JavaScript course: 5% admissions rate, heavy emphasis on OO design.

**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.

## Experience

**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.