

# Peter Northup

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📄 [pnorthup.me](http://pnorthup.me)

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## Employment

- 2014–2015 **Technical services engineer**, *Extole*, San Francisco, CA / Vienna.  
Custom front-end web development for enterprise clients, building on Extole's referral marketing SaaS platform.
- 2013 **Marketing services assistant**, *Wiley*, San Francisco, CA.  
Streamlined the production of online catalogs through automated link testing with Ruby.
- 2009–2011 **Visiting researcher**, *Max Planck Institute for Comparative and International Public Law*, Heidelberg, Germany.  
Worked on comparative constitutionalism dissertation project.

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## Skills

JavaScript, Ruby, Rails, Backbone.js, jQuery, d3.js, SQL, Python, PHP, HTML, CSS.

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## Independent 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://gpextra.pnorthup.me> Source: <https://github.com/eudinaesis/gpextra>
- SimpleTetris The classic puzzle game, in JavaScript.  
<http://pnorthup.me/tetris/tetris.html> Source: <https://github.com/eudinaesis/tetris>

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## 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.

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## Languages

- English Native speaker.  
German B2-level.

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## 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.