Nathan Hinchey

www.nathanhinchey.com

nathanhinchey@gmail.com | **(510)435-4613** | 579 St Johns Place, Brooklyn, NY 11238

EXPERIENCE

Software Engineer - *Offerpop (August 2015 - May 2016)*
- Develop React components and integrate with Django back end
- Backfill and migrate data in Mongo and SQL databases
- Configure servers on the AWS console and with Ansible scripts

Mathematics Teacher - *Oakland Unified School District (2013-2014)*
- Collaborated with effective team to develop cross-disciplinary curricula
- Cross year student retention rate improved by 50% from two years prior

Substitute Teacher - *Oakland Unified School District (2009-2013)*
- Quickly learn and implement new curriculum daily
- Specifically requested by dozens of teachers nearly daily

PROJECTS

OkEris - Supervillain Dating App *(Rails, Backbone.js)* | [live]() | [github]()
- JavaScript front end consumes RESTful Rails JSON API
- SQL queries for custom matching algorithm

Space Dodgeball *(JavaScript, HTML)* | [live]() | [github]()
- Custom vector functions for physics simulation
- jQuery for dynamically resizing HTML 5 Canvas

Ruby Chess *(Ruby)* | [github]()
- A CLI chess application with a computer AI player
- Leverages Ruby's polymorphism capabilities

SKILLS

Python, JavaScript, AWS, Mongo, SQL, Ruby, Rails, HTML, CSS, Git

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EDUCATION

AppAcademy (2015)
Full Stack Web Development
Web development intensive course with focus on best practices.

University of California Santa Cruz (2005-2009)
B.A. Linguistics, cum laude
Awards: Humanities Research Award, 2008, optimality theory analysis
Dean's Honors, 2008 – 2009
Related Coursework: Python Programming, Syntax, Industrial Phonetics, Natural Language Processing