

Nathan Hinchey

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EXPERIENCE

Full Stack Developer - *Nickelodeon (2016 - present)*

- Architected Django app from front to back
- Developed novel data visualization using D3
- Created and managed Github account for project
- Coordinated with data science teams across departments

Software Engineer - *Offerpop (2015 - 2016)*

- Collaborated closely with designer to develop pixel perfect HTML
- Worked on JavaScript front end code including React components
- Developed back end features in Python with Django
- Maintained, updated, and improved front- and back-end legacy code

Teacher - *Oakland USD (Substitute 2009-2013, Mathematics 2013-2014)*

- Collaborated with effective team to develop cross-disciplinary curricula
 - Cross year student retention rate improved by 50% from two years prior
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PROJECTS

Full portfolio: www.nathanhinchey.com/#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
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SKILLS

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

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