




# Gilan Salehi

245 e 44<sup>th</sup> st, Apt 27D, New York, NY 10017  
CELL 540 239-4103 • EMAIL [gilansalehi@gmail.com](mailto:gilansalehi@gmail.com)

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- PROJECTS**
- Clickapedia** (Rails, Javascript, React) [live](#) 
- Wikipedia, upgraded.*
- Seamlessly imports articles directly from Wikipedia with nokogiri 1.6.2
  - Searches full text across entire database of over a thousand articles
  - Provides pixel-perfect previews while editing via HTML5's contentEditable
  - Features Facebook Omniauth and Amazon cloud-based storage
- Gauntlet Run** (Javascript) [live](#) 
- A fresh take on the arcade classic Galaxia.*
- Implements unique switch algorithm for endless non-repetitive gameplay
  - Dynamically generates random stages with progressively scaling difficulty
  - Enables advanced tactical pathfinding for AI with custom vector math class
- GemChess** (Ruby) 
- Chess in the terminal.*
- Recursively searches self-pruning move tree with alternating node appraisal
  - Evaluates board-state with custom heuristics-driven algorithm
  - Optimizes search methods with cacheing and efficient data structures
- SKILLS** **Ruby, Rails, JavaScript, jQuery, React, Flux, HTML, CSS, SQL, Ajax, Git**
- EDUCATION**
- App Academy** • New York, NY  
*Full stack web development (2015 – 2016)*  
Immersive 12-week boot camp with 3% acceptance rate.
- Yale University** • New Haven, CT  
*BA Philosophy (2007 – 2011)*  
Graduated with GPA of 3.56 (cumulative) and 3.74 (in-major)  
Notable Coursework: Real Analysis, Statistics, Game Theory, Set Theory,  
Formal Logic, Linear Algebra, Multivariable Calculus, and Manifolds.
- WORK**
- Chess-in-the-Schools** • New York, NY  
*Instructor (2012 – 2015)*
- Managed 8 after-school chess clubs and taught at 14 different schools
  - Provided expert analysis in one-on-one training as a coach each Saturday
  - Ran a summer training camp, supervising two interns and a fellow teacher
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