Gilan Salehi

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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 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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