



Jake Scruggs

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Profile

I am passionate about teaching and collaboratively solving problems under the limits imposed by large software.

Experience

DEVELOPER/ARCHITECT/MENTOR, BACKSTOP SOLUTIONS; CHICAGO, IL – 2010-PRESENT

Lead a successful effort to take a heavily monkey patched Rails 2.x/Ruby REE application to Rails 4.2.7/Ruby 2.3.7 by replacing the worst code with a HATEOAS compliant Clojure micro service and transforming monkey patches into code that followed the Rails publicly exposed API assisted by the project's 87% C0 test coverage. Mentored 3 apprentices via 6 month structured apprenticeship programs. Delivered numerous 'best in class' features.

SENIOR CONSULTANT, OBTIVA; CHICAGO, IL – 2008-2010

Helped national 'Where to Go What to Do Website' train developers and deliver recommendation engine using Rails and AWS Hadoop.
Link Building (SEO) Manager application from idea to 1.0 while mentoring an apprentice.

CONSULTANT, THOUGHTWORKS; – 2004-2008

Experiences include: Implementing a major VOIP sign up web application, a web manager of IP space for a popular vm host, greenfield development and implementation of a social city portal startup, and adding features to a legacy multinational tractor leasing application.

APPRENTICE, OBJECT MENTOR; GURNEE, IL – SUMMER 2004

Helped re-write state machine compiler in C#, migrated an internal wiki from Python to Java, and sat in on many classes. Wrote about the experience: jakescruggs.com/blog/my-apprenticeship

PHYSICS TEACHER, MAINE EAST HIGH SCHOOL; PARK RIDGE, IL – 1997-2004

I used rockets, water balloons, lasers, a mile of copper tubing, computers, a bed of nails, holograms, and a 60 gallon drum of water to teach physics to a school that spoke over 50 languages.

Education

University of Illinois, Champaign, IL – MS. Curriculum and Instruction, 1997

University of Illinois, Champaign, IL – BS. Education, 1994