Jake Scruggs

Https://JakeScruggs.Com

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

Led a successful effort to take a heavily monkey patched Rails 2.x/Ruby REE application to Rails 5.2.x/Ruby 2.5.x. Replaced the worst code with a HATEOAS complaint Clojure service and transformed additional framework alterations to code that followed the Rails publicly exposed API assisted by the project's 87% C0 test coverage. Mentored 3 apprentices via 6 month structured programs.

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

Helped national 'Where to Go What to Do Website' train developers and implement a 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 (JAVA EJB 1.0).

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 — M.S. Curriculum and Instruction, 1997
University of Illinois, Champaign, IL — B.S. Education, 1994