Edward Anderson

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SUMMARY

Expert full-stack developer with 8yr Rails experience, pursuing Computer Science Masters part-time at GA Tech

EXPERIENCE

Senior Software Engineer, ScrumMaster   Apr 2013 – Present
On-Site.com, Campbell, CA – remote
- Implemented **RESTful APIs** for communication between services in a Service Oriented Architecture
- Extended and maintained our hybrid **JRuby/Java/Rails** application for apartment leasing
- Adhered to **TDD/BDD** testing philosophy with all new features
- Transitioned our team to an improved branching strategy and **Jenkins CI** infrastructure
- Instituted a weekly Lunch & Learn training; taught advanced **Git** conflict resolution and other topics
- Saved thousands annually by automating dispute filing, which previously required customer support
- Cut turnaround time down from 4 days to 1 hour for manually converting documents into electronic format

Senior Ruby on Rails Developer   May 2010 – Mar 2013
SciMed Solutions, Durham, NC
- Crafted custom **Rails** applications for consulting clients in the science, medicine, and education fields
- Maintained Rails **API back-end** for iOS and Android applications for the Journal of Neurosurgery
- Built highly usable interfaces using **Backbone.js** and **jQuery** javascript frameworks
- Interfaced directly with clients as a project manager and client liaison for several projects
- Contributed capistrano-windows-server **Ruby gem** for automating app deploys to Windows
- Taught design conventions, refactoring techniques, and dev tools at 20+ training meetings

Founder   January 2008 – April 2010
TheNinthCut, Bradenton, FL – remote
- Developed entertainment database site using **Ruby on Rails**, **Javascript**
- Captured screenshots from uploaded video using **Ruby** and mplayer for broad format support
- Migrated existing servers to **Amazon EC2** cloud and **S3** storage, easing future expansion

EDUCATION

Georgia Institute of Technology
Masters Degree, Computer Science, in progress
- Coursework focus on Interactive Intelligence: Machine Learning, AI for Robotics, ML for Trading

North Carolina State University, 3.57 GPA
Bachelor of Science, Computer Science
- President of NCSU Linux Users Group *(3.5 years)*
- College of Engineering Outstanding Senior Award for Leadership
- Marshal for Computer Science Graduation Ceremony *(3 semesters)*
- Chinese Language Department's Outstanding Achievement Award

SPECIALTIES

Writing beautiful code that others can understand and reason about
Solving complex technical problems quickly, using a mix of learning, organization, and intuition
Teaching effectively, having developed the ability to relate highly technical concepts to others at all levels
Refactoring legacy projects incrementally into maintainable software for increased long-term velocity

ACTIVITIES

Mentor on AirPair, RailsHotline, and informally, teaching and fixing challenging software issues
Maintainer of the Backbone.dualStorage JS project
Teaching Assistant for GirlDevelopIt Javascript course
Contributor to many open source projects—see my GitHub Portfolio at http://nilbus.com