Harrison Touw | ハリソン　タウ

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A software engineering professional who loves cultivating relationships, creating software, and learning Japanese – all for the convergence of business, technology, and the social good

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EXPERIENCE

GreatSchools
Software Engineer/Senior Software Engineer   March 2014 – Present

- Built new application features and in-house software tools for a Ruby on Rails application – writing code with design patterns, best practices, object oriented design, api design, security, and performance in mind
- Appointed as team lead of an agile/scrum software engineering team – helping mentor jr. engineers, shape product decisions, influence system/software architecture and improve engineering conventions/processes

Accomplishments:
  - Created highly configurable and maintainable search filter system allowing for cost effective creation of differentiated filter sets for our search tool that serves millions of users every month
  - Designed data access layers that unified and simplified how our application was processing school data – increasing the integrity of our data and making our platform much easier for developers

Lloyd House Studios
Freelance Software Engineer   August 2013 – March 2014

- Rapid prototyped Ruby on Rails applications, working closely with clients using Agile methodologies
- Worked with an international team, effectively collaborating with developers and clients locally/overseas

Invoca
QA Software Engineering   April 2013 – August 2013

- Created and executed test plans for performance marketing SaaS Platform developed in Ruby on Rails
- Debugged issues over the full software stack (front end, application logic, services, data persistence, server configuration) while dealing with challenges such as having a large code base, complex server infrastructure, rapidly growing database (30+ million rows), and upgrading legacy software tools

Green Hills Software
Business Development, Strategic Accounts   July 2011 – March 2013

- Managed various Manager/Director/VP level clients from Global 500 companies in Asia, US, and Europe
- Traveled bi-monthly to Japan & Korea, closely working with international business development and engineering teams to develop company/client/partner growth and shape product planning/road-mapping

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Skills

Technical Skills: Ruby on Rails ǀ RSpec/Capybara ǀ Javascript/jQuery ǀ VIM/Ruby Mine ǀ Java
    Git ǀ HTML/CSS ǀ Apache ǀ Unix ǀ Puppet ǀ Mysql ǀ Solr ǀ Object-Oriented Design ǀ TDD
Business Skills: Market Analysis ǀ Technical Communication ǀ Strategic Product Planning
    Client Relationship Management ǀ Conversational Japanese (Studying for JLPT N1)

Side Projects

- RevolvingChore – A very fun chore chart generator, tracker, analyzer, and enforcer
- EvidencedBasedLiving – Habit Tracker & Mindfulness Tutor. Psychology dept. of UC Santa Barbara

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Education

- Westmont College 2011, BA in Political Science & Philosophy GPA 3.6 with Honors