

AMANDA J. LI

75-10 Grand Central Parkway, Apt #4C, Forest Hills, NY 11375

Mobile: 301-237-8889 E-Mail: amanda.j.li@gmail.com

WORK EXPERIENCE

FOOD52, INC., New York, NY

Jan 2012 – Present

Senior Software Developer

- Designed and developed a Ruby on Rails / Knockout.js web application for a crowd-sourced food site with real-time cooking hotline and online retail store. Worked with business and technology on every aspect of the software lifecycle including drafting technical requirements, conducting feasibility studies, agile and test-driven development, deployment, user acceptance testing, and production support.
- Integrated credit card payments and sales tax calculations for online retail store using third party APIs including Braintree Payments and Avalara
- Enables mobile device compatibility for web application using effective responsive design techniques and iOS Simulator
- Delivered upgrades for iOS application for Whole Foods Market recipes and real-time cooking hotline app. Built code in Javascript / Coffeescript using Titanium Studio and iOS Simulator
- Tripled our productivity by transitioning existing machine infrastructure from Amazon EC2 server environment to EngineYard, involving systems administrator duties, software patching, front-to-back testing, and documenting new deployment procedures via internal github wiki. Developed and installed Chef cookbooks to automate server tasks and eliminate manual touch
- Interviewed technical candidates, including Vice President of Technology and trained all new hires in technical aspects, including code base in github and internal coding standards. Conducted and participated in frequent peer code reviews

UBS INVESTMENT BANK, New York, NY

Jun 2007 – Dec 2011

Mortgage Analytics Developer (Jun 2008 – Dec 2011)

- Worked on a highly scalable, multi-threaded, multi-tiered global risk and valuation application for mortgage-backed securities, credit derivatives, whole loans, and other fixed income securities, architected with a Windows .NET / C# GUI front-end, C++ calculation and valuation, TIBCO communication layer, and Sybase database
- Collaborated with trading desks, control groups, and technologists in the UK, Europe, and Asia to resolve support issues such as profit and loss report generation and portfolio risk calculations, requiring in-depth knowledge of Intex, Bloomberg, downstream trade capture and market risk control processes, and pricing algorithms for fixed-income securities.
- Built and maintained in-house .NET WCF services to allow clients real-time access to fixed-income securities valuations, instruments, and prices as part of a system-wide migration to service-oriented architecture.
- Managed in-house interest rate C# service which receives and provides rates to entire mortgage analytics group
- Served on the networking committee to organize talks with internal UBS CEOs and upper-level management.
- Part of UBS Graduate Development Program for summer 2007, was offered and accepted a full-time position with UBS at the culmination of the internship

EDUCATION

CORNELL UNIVERSITY, COLLEGE OF ENGINEERING, Ithaca, NY

2004 - 2008

BSc., Information Science Systems and Technology

- *Activities:* Vice President, Information Science Student Association, Society of Women Engineers

SKILLS & INTERESTS

Languages: Java, C#, C++

Web Development: Ruby on Rails, AJAX, Javascript (jQuery, Knockout.js), PHP, JSON, XML, HTML, CSS, Amazon EC2, EngineYard, Chef, Perl, Coffeescript

Databases: MySQL, Sybase

Operating Systems: Windows, UNIX, Mac OS

Source Code Repository: github, SVN, CVS

Activities: Captain, Dragon Boat Team, Graduate, French Culinary Institute in NYC