

Puiyee Tong

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Location: Ottawa, ON | (613) 601-0703 | U.S. Citizen with open Canadian work permit

EDUCATION

Cornell University, New York

Master of Engineering, Computer Science, Aug 2004 - May 2005

GPA: 3.80/4.00

Stony Brook University, New York

Bachelor of Science, Computer Science, Aug 2001 - Aug 2004

GPA: 3.80/4.00

SKILLS

Languages: Ruby, JavaScript, CSS, SQL, Core Java, Perl.

Framework: Ruby on Rails.

Databases: MySQL, PostgreSQL, Oracle 10g/11g.

Platforms: Sun Solaris, Unix.

Tools: Git, Sublime, Textmate.

EXPERIENCE

Senior Software Engineer (Contractor), Telmate LLC., Ottawa, Ontario, June 2015 – Present

- Working remotely for Telmate from Ottawa, ON. (Job responsibilities: See below)

Senior Software Engineer, Telmate LLC., San Francisco, California, Aug 2014 – May 2015

Technical Environment: Ruby, Ruby on Rails, Sublime, SQL, MySQL, Git, Agile Software Development

- Worked on a video visitation system that offers both onsite video visits and video visits via the Internet.
- Worked on a platform that offers a convenient way for friends and families of inmates to deposit funds into prepaid accounts monitored by their corrections facilities.

Senior Software Engineer, Tout Inc., San Francisco, California, Nov 2012 – Jul 2014

Technical Environment: Ruby, Ruby on Rails, JavaScript, Backbone.js, CSS, Sublime, SQL, MySQL, Git, Github, Agile Software Development

- Built a leaderboard ranking and notification component to encourage user engagement.
- Supported the Tout mobile applications by building and maintaining the internal APIs.
- Created features to allow stream upload of large videos for premium users to add value for the typical customer.
- Implemented playlist support to allow manual selection and ordering of videos.
- Added RSS feed for all APIs that include a video collection to allow media RSS feed digestion by external parties.
- Developed UI features such as threaded conversations to increase user participation on the website.

A demo is available at <http://www.tout.com/conversations/i6hfgcn6/touts/ey48l1#touts/ljjbvi>

Software Engineer, Blurb Inc., San Francisco, California, Apr 2011 – Oct 2012

E-Commerce Team Lead, Blurb Inc., April 2012 – October 2012

Technical Environment: Ruby, Ruby on Rails, Textmate, SQL, PostgreSQL, Git, Github, Agile Software Development

- Developed and maintained an e-commerce system to support payments.
- Designed and implemented new features in the existing workflow to introduce new products. Worked with engineers of printing companies to establish a common communication protocol for new books.
- Led a small team of engineers and provided support to team members to ensure the successful completion of projects. Worked with operation managers and project managers to discuss project requirements, timelines, roadblocks and necessary resources.
- Collaborated with the reporting team to understand their data requirements and formulated solutions to meet their needs.
- Built and maintained support tools for internal users to facilitate various administrative functions.

Assistant Vice President (Software Developer), Deutsche Bank, New York, NY, Jun 2007 - Jul 2010

Technical Environment: Core Java, Perl, Eclipse, SQL, Oracle 10g/11g, Informatica, Sun Solaris, Control-M, Tortoise SVN, Struts, Hibernate, XML and FIX

- Built an application in Java to generate daily compliance reports. The project provided high quality compliance reports to NYSE, thereby helping the firm to avoid monetary loss due to financial penalties.
- Built the reference data infrastructure for a new data warehouse project to supply data for the compliance report generation process.
- Mentored a college intern and trained new team members.

Associate (Software Developer), Morgan Stanley, New York, NY, Jun 2006 - May 2007

Technical Environment: Core Java, Perl, Eclipse, SQL, Sybase, IBM MQ, Unix, Emacs, Autosys, FIX and Perforce

- Developed and maintained a Java application that processes an average daily volume of 20 million messages. Worked in a global team environment.
- Created queries and stored procedures in SQL to process data in Sybase.
- Responsible for several components of the team's main application. Performed impact analysis on proposed changes and carried out testing with the teams involved.
- Gathered business requirements from the business unit and gave technical design recommendations to bring new business flow into the system.

Software Developer, S&P Capital IQ, New York, NY, Jul 2005 - Apr 2006

Technical Environment: Core Java, Visual Basic, SQL, Microsoft Visual Studio / SourceSafe / SQL Server, JavaScript, JDom and Lucene

- Developed software components to process and categorize real-time news feed.
- Used Lucene to optimize keyword searching.
- Wrote stored procedures for storing and viewing news data in SQL Server.
- Maintained and developed the core application and the bug-tracking system of the company.