

## Yi (Mike) Xie

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### EDUCATION

Rensselaer Polytechnic Institute (RPI)

BS. Computer Science, Information Technology Dual Major

**GPA: 3.8 / 4.0 / CS Major Area GPA: 3.95 / 4.0**

Troy, NY

Dec 2015

### RELEVANT EXPERIENCE

**Backend Web Developer** (RPI Tetherless World Center) Troy, New York December 2014 - Current

- Developing the backend of semantic search engine with Python and SPARQL to help drug research
- Leveraging linked data to query and discover relationships between different diseases and drugs

**Web Developer Intern** (The Travelers Companies) Hartford, Connecticut Area June 2014 – Aug 2014

- Developed a claim-handling application with ASP.NET and Javascript to facilitate business integration
- Collaborated with other developers using SVN and Jenkins for Continuous Integration development

**Software Developer Intern** (iSoftStone) Kirkland, Washington May 2013 – Aug 2013

- Developed a data-syncing integration system using Apex to save hours of meeting time for employees
- Wrote tech specs and user/admin guide to ensure project maintainability and extensibility

**Full-stack Web Application Developer** (RPI RCOS Project) Jan 2015 – Present

- Creating a real-time classroom collaboration application using ASP.NET, C#, Javascript, and SignalR
- Communicating to professors to participate in the future beta testing in the start of next semester

**Frontend Web Developer** (Virturant) April 2014 – June 2014

- Participated in a startup that provides restaurant management system for Asian food restaurants
- Developed the front-end using Javascript, JQuery and Bootstrap for order taking and earnings report

**Web Application Tester** (RPI) Troy, New York Jan 2013 – May 2013

- Participated in the testing of a database-driven system for petrologists using Python and PostgreSQL
- Discovered, identified, and fixed several breaking bugs in the application using Python Nose

### SKILLS

**Programming language:** C++, C#, Javascript, Visual Basic, Python, PHP, C, Apex, Java, Matlab

**IDE:** Visual Studio, Eclipse, CodeBlock, Salesforce 1 Platform

**Web development:** HTML, CSS, SQL, JQuery, JQueryUI, Bootstrap, NodeJs, Laravel, NUnit, RhinoMocks, GIT

**OS:** Windows 7, Ubuntu, Linux

**Language:** fluent Chinese (Mandarin), fluent English

### LEADERSHIP

**CSSA E-board Officer** – Head of Media Promotion Department Nov 2012 - Present

- Developed and maintained a new club website using WordPress
- Maintained the club's old site by posting activity announcements, photos for activities of the organization
- Conducted poster design, distribution, and video editing for various celebratory events

**ALAC TA/Mentor** (RPI Advising & Learning Assistance Center) Jan 2014 – May 2014

- Assisted students with homework and lab work of CS I (Python) and CS II (C++)
- Mentored students in CS I, supported the TAs during their office hours

### RELEVANT COURSEWORK

Programming Languages	Web Science	Computer Optimization
Intro to Artificial Intelligence	Intro to Algorithms	Programming in Python
Database Systems	Data Structures	Programming in Java
Software Design & Documentation	Web System Development	Computer Science I
Managing IT Resource	Foundation of Computer Science	Intro to ITWS
Operating Systems	Intro to Logic	