

Languages and Technologies

- **Programming Languages:** Java, Ruby, Perl, C, C++, Python, JavaScript
- **Techniques & Operating Systems:** JAX-RS, Jersey, HTML, J2EE, Git, Github Page, Jekyll, Vim, AWS, Ruby on Rails, Bash, MySQL, JQuery, XML; Linux, Android

EMPLOYMENT HISTORY

QAD, Software Engineer, Shanghai, China **July 2015 – June 2016**

Version Control System (Java, Perl, Git)

- Implemented Restful webservices for effective data accessing, utilizing Jersey to build the server and client
- Developed the VCS file system, DAO modules and business modules based on Git
- Designed algorithm to manage process conflicts problem by setting up priority queue

SAP, Software Development Intern, Shanghai, China **July 2014 – Oct 2014**

Website Automation Testing System (Ruby, Ruby on Rails)

- Designed and implemented Automation Testing Framework and automation cases driven by WATIR
- Improved system execution efficiency by 50% by implementing parallel processing technique
- Enabled continuous automation testing by integrating the system with Bamboo

EDUCATION

Boston University, Boston, MA **Sep 2016 – Present**

- M.S. in Computer Science, **Degree Expected: Dec 2017**
- Coursework: Advanced Algorithm, Advanced Network, Data Science

Tongji University, Shanghai, China **Sep 2011 – June 2015**

- B.E. in Computer Science, GPA: 3.84
- Coursework: Operating Systems, Databases, Software Engineering, Java Programming, Information Security, Data Structure, Mobile Application Development, Linux System, Calculus I/II, Discrete Mathematics
- Academic Scholarship (2014): 2nd (top 15%) academic scholarship in Tongji University

TECHNICAL EXPERIENCE

Hetzer Web Crawler (Java) **August – Dec 2014**

- Devised customized content extract interface to allow developers to define special regex pattern
- Improved average memory access time by 23% by using H2O in-memory database to handle data accessing
- Constructed web source analyzer and resource fetch engine

RSS Reader (Java, JAX-RS) **March – July 2014**

- Implemented Restful webservice client side for fetching and analyzing data from content providers
- Analyzed the XML files and extracted significant core content data with DOM

Network Packet Capturer (C++) **Oct 2013 – March 2014**

- Gathered the packets from LAN using WinPcap
- Organized readable contents for users by implementing regex analyzer

ADDITIONAL EXPERIENCE AND AWARDS

- **Vice-Captain of Tongji University Debate Team (2012 – 2013):** Coached the team in University Debate Competition and National Debate Contest