

# Joseph R. Lee

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## Education & Training

- National Chung-Hsing University – M.B.A Technology & Innovation (2011-2013)
- University of Saskatchewan – B.A. Anthropology - Distinguished Honors (2005-2007)
- Global College Professional TESOL Certification (2003)
- Global College - Teaching Computer English, Teaching English Locally, Tourism English, and Teaching Children English (2003)
- University of Guelph – Computer Engineering (1998-2001)
- Temiskaming District Secondary School – Honors (1995-1998)
- Course Certifications:
  - Stanford University – Writing for the Sciences (2013)
  - University of Maryland – Surviving Disruptive Technologies (2013)
  - Stanford University – Democratic Development (2013)
  - Rice University – An Introduction to Interactive Programming in Python (2013)
  - Johns Hopkins University – Data Analysis (2013)
  - Apple Computer Inc. Tier 1 OS X certification (2003)

## Achievements

- NCHU – Graduate Institute of Technology Management: Master's Thesis: *Using Patent Litigation Data to Identify High-Value Software Related Technology*
- NTNU - Taiwan-Japan Conference on Computing Aesthetics 2013 – Conference speaker and paper publication: *Technology's Effect on Human Evolution*
- International Conference on Information Management 2013 – Conference speaker and paper publication: *Using Software Patent Litigation Data to Identify M&A Targets*
- University of Saskatchewan – Distinguished graduate bursary award
- Temiskaming District Secondary School – Graduating Computer Science Award (1998)
- English Catholic Central School History Award (1994)

## Computer Skills

- Bitcoin/AltCoin block-chain API and browser plug-in projects for wallet and payment.
- Data-transfer using RPC, API and formats such as JSON, CSV, and raw data.
- DNS/SSL/TLS/VPS integration in Linux, mail server hosing, SMTP integration into software applications, security and logging.
- Small project, object oriented programming experience in C/C++, Java, and Python.
- Project planning, and version control with Git with goals to become a team-lead.
- Design of OO web-application frame-working (PHP, PERL, RUBY)
- Full web-application development proficiency in PHP, SQL, Javascript, AJAX and JQuery, LAMP, WAMP, MAMP with full security using Apache, Artillery, Fail2ban, etc.
- Experienced in data analysis and function-oriented programming in Octave and R.
- MySQL/PostgreSQL/MS SQL-Server 2008 database schema design, optimization, maintenance, and update-scripting in Sequel Pro, MySQL Workbench, MS SQL Server.
- Proficiency in Microsoft, Mac OSX, and Linux operating systems (secure server administration, command-line, networking, package-management).
- Proficiency in MS Office (Word, Excel, PPT).
- Proficiency in multi-media production software (GIMP/Photoshop, ProTools, Reason 4.0, iMovie, Prezzi, vector graphics, Google-Sketchup)

## Work Experience

### Software Consultant

*Ripple Software Research  
Consulting  
2014-present*

- Project management and project scheduling
- Medium and small freelance project management
- Bitcoin application design, development, programming, and deployment
- Full-stack web-application framework management including (Linux security, database design and optimization, VPS deployment, DNS and Apache management)

### Lecturer

*Taichung University of Science and  
Technology  
Taichung, Taiwan  
2014*

- Directing conversation workshops with groups of 35 university students
- Answering student directed questions about English vocabulary and grammar
- Creating course study plan and preparing material at the university level
- Observing student progress and adapting to feedback

### Workshop Developer

*National Chung-Hsing University  
Taichung, Taiwan  
2014*

- Teaching a writing seminar for writing in science and management
- Preparing students to write essays in English
- Demonstrating software strategy for organizing research materials
- Reviewing the basic outline of master's thesis and required sections

### Instructor

*Global Village Organization  
Taichung, Taiwan  
2008-2013*

- Preparing students for TOEIC business English proficiency test
- Teaching technical English for business and business conversation
- Teaching intermediate and advanced English vocabulary, grammar, reading and conversation to university students and adult professionals
- Preparing lesson plans, exercises, reading material, and supplementary material
- Greeting new students and making them feel comfortable in our classroom
- Answering students questions effectively, and ensuring comprehension

### English Teacher

*Sungi Educational Institute  
Danjin, South Korea  
2004*

- Helping students have fun, and making them feel comfortable in the classroom
- Planning games, teaching basic vocabulary and grammar
- Scheduling and completing textbook work, testing, and extra skill-building
- Helping students feel comfortable to practice English and ask for help

### Website Programmer

*Technician Environment Canada:  
Guelph, Canada  
2001*

- Programming SQL database enabled web-applications with Cold Fusion CFML, HTML, Flash, and Java
- Maintaining sever integrity and ensuring uninterrupted functionality of the local network
- Installing peripheral devices for scientists, and managing the network maintenance
- Teaching managers and staff about computer network policies and usage

### Co-op Student

*Northern Telephone  
New Liskeard, Canada  
1999*

- Developing electronic work-order flow systems using electronic forms and multimedia such as photographs
- Inspecting telecommunication work-sites for hazards and inconsistencies with expected
- Transferring architectural maps to digital format
- Reporting to Engineering about progress reports and potential work-site problems
- Coordinating inter-department communications

### Computer Sales & Service

*Computer Options  
New Liskeard, Canada  
1996-2000*

- Managing a retail, maintenance and purchase-ordering
- Assembly trouble-shooting, and repairs of computer systems
- Managing inventory and scheduling purchase-orders for inventory levels
- Handling customer inquiry, building customer relationships and house-calls
- Maintaining day-to-day operations, opening and closing security procedures, and handling cash register operations