**Elizabeth Lee**

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**Contact/Personal**

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LinkedIn elizabeth-g-lee

Website elizlee.github.io

**Interests**

Machine translation, NLP, machine learning, semantics

**Education**

University of Rochester, Rochester, NY

Master of Science in Computational Linguistics

Expected graduation: Spring 2019

University of Florida, Gainesville, FL

Bachelor of Arts in Linguistics, Magna Cum Laude, May 2016

Thesis: “The Effects of Segmentation on the Processing of Binomial Expressions”

Minor in East Asian Languages and Literatures: Japanese

**Relevant Coursework**

Logical Foundations of AI – in progress

* Learning foundational topics in artificial intelligence such as first-order logic, knowledge representation, and probabilistic inference
* Writing programs in Lisp that accomplish tasks such as information storage and relation manipulation

Tools for Language Documentation – in progress

* Learning how to use software designed to record and annotate language data (Praat, FLEx, ELAN)
* Will work with a partner and a consultant on a language documentation project using the aforementioned software

Programming Fundamentals 1 & 2

* Learned and applied basic concepts in programming with Java and C++ (classes and hierarchies, conditionals, loops, arrays, hashmaps, function calls, recursion, linked lists)
* Worked with a team to develop a simple video game in C++ employing SFML

**Computer Skills**

Programming/Coding

* Experience coding in C++, Java, JavaScript, Lisp, MATLAB, MIPS, Python, R, SQL
* Created website from scratch (elizlee.github.io)

Software/Misc.

* Experience using Windows, Macintosh, Linux, and Android operating systems
* Created virtual 3D objects using modeling software (AutoCAD, SolidWorks, SketchUp)
* Edited images and created digital art (Adobe Photoshop, PhotoScape, Paint.NET)

**Involvement**

Brain and Language Lab at UF – Undergraduate Research Assistant 2015—2016

* Researched and gathered materials for linguistics experiments
* Edited scripts in Python and R
* Ran a psycholinguistics experiment
  + Gathered materials through COCA (Corpus of Contemporary American English)
  + Scheduled appointments with participants
  + Recorded and analyzed data using Microsoft Office, E-Prime, and R Studio

UF Linguistics Society 2014—2016

UF Computational Linguistics Club 2015—2016

* Learned how to use Python’s NLP Toolkit

Japanese Club at UF 2012—2016

* Co-Dance Team Coordinator 2013—2014
* Choreographed and taught Japanese dances for performances
* Creative Director 2014—2015
* Taught students how to make Japanese-themed crafts
* Obtained and created decorations for club events
* Treasurer 2015—2016
* Kept track of club’s budget and efficiently used funds
* Organized the Spring Festival Fashion Show

Kakehashi Project (promoted by Japan’s Ministry of Foreign Affairs) December 2015

* Selected to participate in a youth exchange program from a pool of applicants
* Visited several locations in Japan, interacted with Japanese university students, and participated in homestay
* Prepared slideshows for our school’s presentations
* Wrote a blog about our experiences in Japan (konnichiwagatordesu.tumblr.com)

**Work Experience**

National High Magnetic Field Laboratory – Laboratory Assistant Summer 2012, 2013

* Prepared samples for microanalysis (polishing)
* Edited images using Photoshop
* Created slideshow presentations to present research findings

**Publications**

Kametani, F., **Lee, E. G.**, Shen, T., Lee, P. J., Jiang, J., Hellstrom, E. E., and

Larbalestier, D. C. “**An Explanation of How Split Melt Processing Can** **Enhance the**

**Critical Current Density of Bi2212 Round Wires Based on** **Examination of Bubble**

**Size and Density Formed in the Melt**” *Superconductor* *Science and Technology* 27,

no. 5 (2014): 055004.

**Foreign Languages**

* Intermediate reading and speaking ability in Japanese
* Elementary reading and speaking ability in (Mandarin) Chinese