

Elizabeth Lee

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Contact/Personal

General email	elgclee@gmail.com
University email	elee86@ur.rochester.edu
LinkedIn	elizabeth-g-lee
Website	elizlee.github.io

Interests

Machine translation, machine learning, semantics, second-language acquisition

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, FLEEx, 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

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

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 (konnichiwigatordesu.tumblr.com)

Achievements

University of Florida College of Engineering Dean's List

Fall 2012, Spring 2013

University of Florida CLAS Dean's List

Spring 2014, Fall 2014, Fall 2015

Japanese National Honor Society

Spring 2016

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.

Skills

Coding

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

Foreign languages

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