



---

## EDUCATION

### University of Southern California

M.Sc. in Computer Science (Scientist and Engineers)

*Courses: Analysis of Algorithms, Artificial Intelligence, Affective Computing*

Los Angeles, CA  
Completed July 2020

### University of Michigan

B.Sc. in Cognitive Science; Minor in Applied Statistics

*Courses: Data Structures and Algorithms, Discrete Mathematics*

Ann Arbor, MI  
Completed May 2018

---

## TECHNICAL SKILLS

**Programming Languages:** C++, Python, R, LaTeX, Java, Unix

**Tools and Frameworks:** Git, Vim, tensorflow, nltk, scipy, sklearn, RStudio, Qualtrics, Eclipse, E-Prime, AcqKnowledge

---

## WORK EXPERIENCE

### Beyond Limits Inc.

*Artificial Intelligence Engineer*

July 2020 – Present

### Beyond Limits Inc.

*Data Science Intern*

June 2019 – Dec. 2019

- Independently designed and built a template-based natural language generation module that contained preprocessing, micro-planning, and user input components
- Presented and delivered pipeline to the CTO of Beyond Limits and various software engineering teams for integration and implementation

### Computational Social Sciences Lab (USC)

*Graduate Research Assistant*

Aug. 2018 – June 2020

- Developed a natural language processing framework by collaborating with a team of graduate students using Python to evaluate and predict morality in social media posts
- Contributed domain expertise to a variety of computational social psychology and psycholinguistics research projects by conducting literature review, analyzing data, and collaborating with various departments at USC (*Skills: Python, tensorflow, numpy, natural language processing, version control, Unix*)

---

## PROJECTS

### Neural Text Analysis Pipeline, CSSL

2019

Created and integrated entity linking code (using *TagMe*, Python, pandas, and more) to natural language processing framework, conducted code review, and created tests to validate reliability of the pipeline

### Language Variety, Haskins Laboratories (USC)

2018 - 2020

Designed and implemented a text processing framework (using Python, re, nltk, and more) to clean, tokenize, and structure text data from various sources to use for linguistic analysis

---

## EXTRACURRICULARS

### Association for Advancement of AI (AAAI@USC)

*President*

Fall 2019 – Winter 2020

### Cognitive Science Community

*President*

Fall 2017 – Winter 2018

---

## RESEARCH & PUBLICATIONS

- Mostafazadeh Davani, A., **Yeh, L.**, Atari, M., Kennedy, B., Portillo-Wightman, G., Gonzalez, E., Delong, N., Bhatia, R., Mirinjian, A., Ren, X., Dehghani, M. (2019). Reporting the Unreported: Event Extraction for Analyzing the Local Representation of Hate Crimes. Hong Kong, China. In the Proceedings of Empirical Methods in Natural Language Processing (EMNLP).
- Chambers, M. K., Mostafazadeh Davani, A., Goodwin, A., Dodson, S., **Yeh, L.**, Dehghani, M., Graham, J., Diekmann, K. A. (2019). The Power of Silence: Using Sentiment Text Analysis to Examine Twitter Responses to Sexual Harassment Accounts. Dublin. International Association for Conflict Management (IACM).

- Courtland, M., Mostafazadeh Davani, A., Reyes, M., **Yeh, L.**, Leung, J., Kennedy, B., Dehghani, M., Zevin, J. (2019). Modeling performance differences on cognitive tests using LSTMs and skip-thought vectors trained on reported media consumption. In the Proceedings of NLP+CSS: Workshops on Natural Language Processing and Computational Social Science.
- Dehghani, M., Courtland, M., Mostafazadeh Davani, A., Reyes, M., **Yeh, L.**, Leung, L., Kennedy, B., Dehghani, M., Zevin, J. (2019). Subtle differences in language experience moderate performance on language-based cognitive tests. In the Proceedings of 31st Annual Conference of the Cognitive Science Society.
- Hoover, J., Portillo-Wightman, G., **Yeh, L.**, Havaladar, S., Mostafazadeh Davani, A., Lin, Y., Kennedy, B., Atari, M., Kamel, Z., Mendlen, M., Moreno, G., Park, C., Chang, T. E., Chin, J., Leong, C., Leung, J. Y., Mirinjian, A. & Dehghani, M. (under review at SPPS). Moral Foundations Twitter Corpus: A collection of 35k tweets annotated for moral sentiment. Preprint available at <https://psyarxiv.com/w4f72/>.
- Hoover, J., Mostafazadeh Davani, A., Atari, M., Kennedy, B., Portillo-Wightman, G., **Yeh, L.**, Kogon, D., & Dehghani, M. (in prep). Bound in Hatred: The role of group-based morality in acts of hate.