Yucen Li (Lily)

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EDUCATION

Carnegie Mellon University   Dec 2018
- Senior in School of Computer Science, 3.83/4.0 GPA
- Minor in Statistics, Minor in Language Technologies

RESEARCH

Multi-Word Expressions in Word Embeddings, *Linguistics Lab*   Aug 2018–Present
- Identify multi-word expressions in languages through different linguistic approaches
- Analyze granularity of words in a variety of languages
- Compare cross-lingual embeddings with and without multi-word expressions

Documentation in OSS, *Socio-Technical Research Using Data Excavation Lab*   Aug 2018–Present
- Conduct analysis on GitHub READMEs to identify similarities in topics between projects
- Mine GitHub repository data to model the number of newcomers as a function of the contents of the documentation, controlling for other factors such as age and size

Cross-lingual Dependency Parsing, *Independent Study*   Nov 2017–May 2018
- Analyzed linguistic properties of languages such as subject object order to evaluate which features are most relevant to neural networks for cross-lingual dependency parsing
- Configured multilingual model for experiments with different combinations of languages

EXPERIENCE

Facebook, *Software Engineering Intern*   May 2018–Aug 2018
- Worked on Instagram Explore product team to add functionality to tag users in videos
- Implemented reusable component for profile which is now standard across app

Facebook, *Software Engineering Intern*   May 2017–Aug 2017
- Worked on the Mobile Interface Health team to classify HTTP requests on the Android app
- Extended parsing in Duckling, an open-source Haskell text library, to include weights

Hyland, *Software Engineering Intern*   May 2016–Aug 2016
- Optimized Microsoft Word placeholders through Microsoft Word plugin using C# and WPF
- Used .NET framework to design controls for bulk creation of placeholders

PROJECTS

MAO, *Personal Project*   Sep 2016–May 2017
- Developed a web application using Django that allows students to practice Mandarin
- Integrated application with MySQL to display students' progress on learning modules

TartanHacks: Survivor Network, *Personal Project*   Feb 2016
- Used Flask framework to build web application to connect survivors of sexual assault

EXTRACURRICULAR ACTIVITIES

Academic Development, *EXCEL Leader Supervisor*   August 2016–Present
- Work with professors to design curriculum and lead weekly review groups for students in 21-127: Concepts of Mathematics and 21-241: Matrices and Linear Transformations
- Facilitate other EXCEL leaders in leading successful sessions for students