Jimmy Callin *August 27, 1990*

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An ambitious and curious student who just wrapped up his Master's degree in Language Technology and is currently working as a language engineering contractor for Apple in California.

After concluding my Chinese studies I looked for ways to combine my love for language learning with my interests in computer science, and found a small academic program called language technology. As I started learning about natural language processing, machine learning, and artificial intelligence, so did the world. I am now look for opportunities to apply my skills within these areas in a real-world setting.

My Master's thesis focused on evaluating various word embeddings and machine learning models for use in shallow discourse parsing. Please see my Github page for a portfolio of code projects: github.com/jimmycallin

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Experience

Apple Inc. Cupertino, California

Siri Language Engineer *Mar. 2016 – Oct. 2016, May 2017 – Sept. 2017*

I spent six months in in Cupertino and Paris as a Siri Language Engineering Contractor for the Swedish localization team, working on improving the user experience of the Swedish version of Siri through bug fixing and new feature implementation. Despite my limited time I quickly became an integrated part of the team and took on responsibilities usually reserved for full-time employees. After finishing my Master's thesis I returned for another four months of work.

Gavagai AB Stockholm, Sweden

Support Manager & Editor *Jun. 2012 – Jun. 2015*

Gavagai is a Stockholm start-up specializing in big data text analytics, involving some of Sweden's foremost experts within the area. My day-to-day work concerned being responsible for technical support, where I was an essential part in building a support process which assured that customers' technical inquiry were dealt with in a transparent and efficient manner.

I curated and constructed targets of interest in various languages and key domains for business intelligence use. I have also developed several internal tools for data analysis, with work in web development, general programming and various natural language processing areas such as automatic sentiment analysis evaluation, Chinese word segmentation, tokenization and transliteration.

Publications

Part-of-Speech Driven Cross-Lingual Pronoun Prediction with Feed-Forward Neural Networks.

Association for Computational Linguistics *Sept. 2015*

For some language pairs, pronoun translation is a discourse-driven task which requires information that lies beyond its local context. For cross-lingual pronoun prediction, we suggest a neural network-based model using preceding nouns and determiners as features for suggesting antecedent candidates. Our model scores on par with similar models while having a simpler architecture.

Education

Uppsala University Uppsala, Sweden

Master's and Bachelor's degree in Language Technology *Aug. 2011 – Apr. 2017*

Applying linguistics and computer science for computational modeling of natural language. Elective courses were mainly focused on mathematics and statistics. Master's had a greater focus on research projects.

Gothenburg University, Zhejiang University, East China Normal University Sweden and China

Chinese language and culture *Aug. 2009 – Jun. 2011*

Skills

Technical expertise: Codes daily in Python and occasionally in Java. Experience with Javascript, Matlab, C(++), Ruby, and SML.

Communication skills: Swedish *(native language)*, English *(full professional proficiency)*, Chinese *(limited working proficiency)*.