Zehua Wei
NLP data scientist

Seattle, WA - Email me on Indeed: indeed.com/r/Zehua-Wei/ed4b813d9a4b0eee

Look for data science job, good for relocation, currently on F1 OPT, good for another 2 years without visa sponseship
Willing to relocate: Anywhere
Sponsorship required to work in the US

WORK EXPERIENCE

Data Scientist
Luxoft USA   -   Kirkland, WA - March 2017 to July 2017

• Worked on the prototyping of CenturyLink's field engineer chatbot project in an agile team, prioritized "query knowledge base" and "get modem credential" features, evaluated nuts and bolts (frameworks, libraries, etc.) of the prototype, and built a web app chatbot based on MS Bot Framework QnA maker and pdf splitter
• Explored ISDA FpML sample dataset with XML parser, and proposed a ML-based product type classification model that outperform the current rule-based system in CIBC Regulatory Reporting Services

NLP data science intern
Keesun Trading   -   Cambridge, MA - September 2016 to December 2016

Worked in the natural language processing team with top researchers from CMU and UW on GitLab. Applied state-of-art deep learning architectures to measure the financial news articles' sentiment score.

● Built a sentimental analysis software package on top of hand-engineered linguistic features, such as n-gram, sentiment polarity lexicon. Developed a DL module with Keras, used a pre-trained w2v model (GloVe) as word embedding layer.
● Evaluated the software package with IMDB dataset, found the linguistic model got 88.2% accuracy, the ensemble DL model achieved 90.6%, the cNN architecture can be trained 10x faster than Bi-directional LSTM.

EDUCATION

Bachelor of Science in Applied Chemistry
Beihang University   -   北京市
June 2013

Master of Science in Chemical Engineering
University of Washington   -   Seattle, WA

SKILLS

Python (3 years), Machine Learning (2 years)

LINKS

https://www.linkedin.com/in/wedward