KENDRA CHALKLEY

www.kchalk.com

k@kchalk.com · 585-209-3390

kchalk @ Github and LinkedIn · kd.chalkley @ Gmail and Twitter

***

Computational linguist and data scientist interested in machine learning and improving theoretical understanding of natural language

COMPUTATIONAL LINGUIST, FREELANCE   2020 – PRESENT

Consulting on a variety of NLP projects including:

- An open-source, ethics conscious chatbot (github.com/nlpia/nlpia-bot)
- Tweet processing and semantic classification
- Unstructured conversation analysis on a large corpus

MS COMPUTER SCIENCE, OREGON HEALTH AND SCIENCE UNIVERSITY   2019

Focus in NLP and machine learning, especially LSTMs. Independent research project evaluated forum language patterns in terms of sentiment dictionaries over a large-scale dataset.

- Languages: Python, R, C, Prolog
- Machine Learning: Neural Networks, LSTM, clustering, reinforcement learning;
- ML Frameworks: Torch, scikit-learn, keras
- Distributed systems: Spark ML and SQL, Yarn, Hadoop. MapReduce

- NLP: Preprocessing, tokenization, NLTK
- Data Packages: Pandas, numpy, tidyverse
- Visualization: Bokeh, ggplot2, seaborn
- Statistical analysis: Hypothesis testing, ANOVA

BA LINGUISTICS, REED COLLEGE   2015

Specialized in minimalist syntactic theory and distributed morphology. Year-long research thesis presented a theoretical explanation of a complex grammatical system in a low-resource language (Tukang Besi). Seminar style classes focused on interdisciplinary communication and evidence based, analytical thinking.

ADMIN ASSISTANT, SUNRISE SYSTEMS, INC.
APRIL 2017 – JUNE 2017

PROJECT COORDINATOR, ALTA PLANNING + DESIGN
JULY 2015 – MARCH 2016

ADMIN/DATA ENTRY ASSISTANT, ADECCO STAFFING
JULY 2012 – JANUARY 2013

- Task management in both waterfall and agile frameworks
- Project budgeting, scheduling, invoicing
- Process analysis, resource management and reporting
- Primary point of contact for a dozen sub-contractors on a multi-million-dollar project
- Also responsible for meeting logistics, minute keeping, and deliverable QA