

KENDRA CHALKLEY

kchalk@github.io

kd.chalkley@gmail.com • 585-209-3390

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

EDUCATION

JUNE 2019

MS COMPUTER SCIENCE, OREGON HEALTH AND SCIENCE UNIVERSITY

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: Deep networks, LSTM, CNN, clustering, probabilistic graphical models, HMM, reinforcement learning; 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
- Operating Systems: Linux, Windows
- Statistical analysis: Hypothesis testing, ANOVA

MAY 2015

BA LINGUISTICS, REED COLLEGE

Specialized in minimalist syntactic theory and distributed morphology. Year-long, two course 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.

- Specialization: morphology, syntax, morphosyntactic typology
- Languages and families: Latin, Ancient Greek, Tukang Besi, Igbo, Algonquian, IE, Austronesian
- Allied field(s): literature and (unofficially) classics
- Fun and leadership: Signator of the Association of Reed Gamers (ARG!), theme coordinator of Tir na nOg, the sci-fi/fantasy theme dormitory.

PROJECT ADMIN EXPERIENCE

APRIL 2017 – JUNE 2017

ADMIN ASSISTANT, SUNRISE SYSTEMS, INC.

JULY 2015 – MARCH 2016

**PROJECT COORDINATOR, ALTA PLANNING
+ DESIGN**

JULY 2012 – JANUARY 2013

**ADMIN/DATA ENTRY ASSISTANT,
ADECCO STAFFING**

- 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
- Expert in most Microsoft Office products and several project management tools
- Also responsible for meeting logistics, minute keeping, and deliverable QA.