Chris Drymon

Software Engineer | NLP Specialist

chrisdrymon@yahoo.com
205-394-9808
chrisdrymon.com
github.com/chrisdrymon
linkedin.com/in/chrisdrymon

Coding Projects

AnGEL Tagger Pip Package GitHub
- Labels Ancient Greek texts with parts-of-speech through a series of neural networks
- Achieves 95.5% accuracy **significantly outperforming the previous state of the art** held by the Alan Turing Institute at Cambridge
- Used by Parabible to label Ancient Greek texts at scale

Greek & English Semantic Domains Viewer Web App GitHub
- Visualizes Ancient Greek & English word meanings in an interactive web application by semantically grouping them
- Supports 200,000+ Greek and English words
- Intelligently corrects Greek accents for better search results
- Utilizes Google Cloud Computing, NGINX, Pandas, CSS, and Plotly

Hearthstone Arena Wins Estimator & Betting Guide GitHub
- Trained a deep neural network in Tensorflow with Keras to estimate strength of a card deck in this online game
- Places virtual currency bets on game outcomes in Twitch according to a statistical calculation
- Ranked among the top 10% of currency holders

Education

Th.M. Theology   2020
Midwestern Baptist Theological Seminary

Thesis: A Computational Linguistic Method for Word Sense Disambiguation Applied to Three Debated Passages
- Created a Python program that determines which possible meaning of a word was most likely intended in a given context
- Found that one particular Ancient Greek phrase in the Bible is universally misunderstood among scholars

M.A. Biblical Languages   2015
Midwestern Baptist Theological Seminary

Work Experience

Freelance Developer   2018-Present
- Contributor to *The Perseids Project*: An Ancient Greek database of annotated texts funded by the National Endowment for the Humanities
- Contributor to Tufts University's *Perseus Digital Library* - an Ancient Greek texts database
- Create open-source software for Ancient Greek research

Associate Pastor   2018-2019
Graceway Fellowship, Green Bay, WI
- Led church to its first year of growth in a decade
- Formed and trained teams of 5-10 volunteers
- Frequently engaged in public speaking

Proficiencies

Languages & Frameworks
- Python
- MySQL
- HTML
- CSS
- Flask
- Google Cloud Computing

Natural Language Processing
- Natural Language Toolkit
- Gensim
- FastText
- Word2Vec
- Stanza
- SpaCy

Machine Learning
- Tensorflow
- Keras API
- Estimator API

Data Processing & Visualization
- NumPy
- Pandas
- Plotly
- Dash

Soft Skills

- Successful leadership experience
- Public speaking
- Innovative problem solving