

RICHARD KIM

NLP + DATA SCIENTIST + THINKER

cell	+1 310.991.2396
linkedin	khgkim
www	khgkim.com
email	khgkim18@gmail.com

EDUCATION

University of California, Davis

B.S. Computer Science | Class of 2019

Minor in Linguistics

CS GPA 3.9/4.0

LIN GPA 4.0/4.0

LANGUAGES

Proficient

Python

Rust

C/C++

Familiar

HTML/CSS

Javascript

R

COURSEWORK

Object-Oriented Programming

Data Structures and Programming

Algorithm Design and Analysis

Probability and Statistical Modeling

Programming Languages

Operating Systems

Modern Programming Tools

Web Programming

Human-Computer Interaction

Natural Language Processing

Text Processing Corpus Linguistics

Computational Linguistics

Computational Modeling of Language

Statistical Analysis

OTHER

Grow with Google Developer Scholarship

Nominated for ACL 2019 Best Long Paper

SpokenWeb Researcher

CITI Certified Researcher

WORK

Sound and Performative Speech – Researcher

JAN 2018 - MAY 2019 | DAVIS, CA

Involved in two grant projects, Tools for Listening to Text-in-Performance and SpokenWeb, exploring tools to analyze poetry archives, providing data analysis and visualization, and calculating new methods to analyze pitch and timing in speech.

Language, Multimodal and Interaction – Researcher

MAR 2018 - DEC 2018 | DAVIS, CA

Assisted with a research project to build a persuasive dialogue system using machine learning under Professor Zhou Yu. Designed methods to collect over 1000 conversational data using a dialog AI framework.

Computational Linguistics – Researcher

JUN 2017 - JUN 2018 | DAVIS, CA

Worked on a research project funded by the U.S. Department of Defense to expand resources for speech-enabled systems under Professor Kenji Sagae. Developed neural models and lattice rescoring methods for paraphrasing and simplifying text using word embedding, cosine-similarity, and language models.

Data Science Initiative – Student Developer

OCT 2017 - JUN 2018 | DAVIS, CA

Developed a responsive HTML5 and CSS architecture for existing web archive as well as performing various web scraping, text mining, and other scripting tasks. Implemented natural language processing processes for classifying and topic modeling, performing statistical data analysis, and visualizing model outputs.

UC Davis IET – Student Developer

MAR 2017 - OCT 2017 | DAVIS, CA

Managed ServiceNow instances to help over 575 process users across 20 independent IT organizations. Maintained front-end portal by QA testing, communicating with back-end SQL database, and writing technical documentation.