Jeffrey Kenneth Li

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Experience

Google Mountain View, CA
Software Engineer (SWE)
August 2019

Amazon Seattle, WA
Software Development Engineer Intern
Summer 2018
- Launched feature for AWS continuous delivery product
- Led product design to address customer needs by coordinating with 8 product managers and engineers
- Designed comprehensive unit and integration tests for product operationalization

Under the Radar Sports Los Angeles, CA
Intern
Summer 2017
- Provided consultation, addressing technical challenges in data management and web development for a non-technical startup
- Engineered solution for web scraping, decreasing data scraping time by 10x

MD Anderson Houston, TX
Research Student
Summer 2016
- Advised by Professor Sue-Hwa Lin in Translational Molecular Pathology
- Performed computational statistical analysis and data mining of large gene microarray data and helped guide research direction
- Co-authored paper: *Cabozantinib-induced osteoblast secretome promotes survival and migration of metastatic prostate cancer cells in bone* http://tinyurl.com/yaxo7sfr

Skills

Python, Java, Javascript, how to Google things, how to read documentation, empathy, humility, inquisitivity, self-motivation, ability to amicably disagree, list making, humor.

Education

Rice University Houston, TX
B.S. Computer Science
Minor in Statistics
Distinction In Research - Statistics
August 2015 - May 2019
Teaching Assistant
   COMP 382 Reasoning about Algorithms
President
   Rice Taiwanese Association
Instructor
   College Course "Board Game Theory"
Relevant Coursework
   Data Science Projects (Senior Design), Statistical Machine Learning (Graduate), Artificial Intelligence

Projects

Neuroscience Research
Fall 2018
Performed statistical analysis of data from cutting-edge lab, including data smoothing, interpolation, spectral analysis, feature extraction, and event based data splitting on auditory data in Python. Advised by Professor Jacob Reimer and Professor Genevera Allen

PacWar Semester Project
Fall 2017
Implemented adversarial network in Python based on genetic algorithms to compete in PacWar class tournament. Tested different heuristic functions, built ELO function, and performed feature extraction to improve network.

"How Well Do Teams Draft?"
Summer 2017
Wrote web scraping scripts for Basketball Reference in Python and built a model for analyzing NBA draft decision effectiveness from 1997-2014