Jeffrey Kenneth Li

jeffreykennethli.github.com
k.jeffrey.li@gmail.com
(626) 234-5840

EXPERIENCE

Amazon Seattle, WA   Summer 2018
Software Development Engineer Intern – AWS
- Launched highly-demanded 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, alarms, and canaries for product operationalization
- Pushed 34 approved code revisions, and was responsible for 18% of all code changes in my 10 person team

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

MD Anderson Translational Molecular Pathology Houston, TX   Summer 2016
Summer Research Student
- Performed statistical analysis of gene micro-array data and helped guide research direction
- Co-authored paper (in one summer): *Cabozantinib-induced osteoblast secretome promotes survival and migration of metastatic prostate cancer cells in bone* http://tinyurl.com/yaxo7sfr

EDUCATION

Rice University Houston, TX   May 2019
B.S. Computer Science, Minor in Statistics
- Relevant Coursework: Data Science Projects (Senior Design), Distributed Program Construction (Senior Design), Compiler Construction, Data Science Consulting, Statistical Machine Learning (Graduate), Artificial Intelligence, Object-Oriented Programming
- *Teaching Assistant* COMP 382 Reasoning about Algorithms   Fall 2017, 2018
- *President* Rice Taiwanese Association   2017 - Present
- *Instructor* College Course "Board Game Theory"   Spring 2018

PROJECTS

Neuroscience Study   Fall 2018
Senior Design Project
- Performed visualization, spectral analysis, and feature extraction on auditory data
- Statistical analysis of data from cutting-edge lab, including data smoothing, interpolation, time series, and event based analysis

Rice Dateline   Fall 2018
Senior Design Project
- Coordinated design of UI/UX for a content curation tool for Rice News Team
- Engaged in product design, team management, and infrastructure support

PacWar   Fall 2017
Semester Project
- Implemented and trained adversarial network based on genetic algorithms to compete in PacWar
- Tested heuristic functions, built ELO function, and performed feature extraction to improve network

Basketball Analytics   Summer 2017
Personal Project
- Wrote web scraping scripts for Basketball Reference in Python
- Analyzed draft data and built a model for analyzing NBA draft decision effectiveness from 1997-2014

LANGUAGES

o Java	o C	o English (native)
o Python	o HTML, CSS, JS	o Mandarin Chinese