Ken Geewin Luo

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Languages: Java, Python, HTML, CSS, JavaScript
Databases: MYSQL, mongodb
Technologies: Pandas, Numpy, Sci-kit learn, Git, Matplotlib, Seaborn, Shopify
Framework: React, Angular.js

WORK EXPERIENCE:

Web developer at **A spec racing** – Chatsworth, CA   May 2018 – Present
> *Work with*: Shopify, Liquid, HTML, CSS
- Utilized Shopify's analytics and strategically organized products for easy access by guests.
- Added items into Shopify's website and categorized them within their own category.
- Designed and implemented plugins and modules to make user interactions a much more pleasant experience.
- Took photos of various products and updated site when needed.
- Operated and supervised the CNC machine to make sure the program was running optimally.
- Fine-tuned the CNC machine's program as needed to ensure parts came out within specification.

Data Scientist at **JPL-2 Layer Analysis** – California State University, Los Angeles   September 2017 – May 2018
> *Worked with*: Python, Scikit-learn, Numpy, Git, Matplotlib, GDAL, Jupyter Notebook
- Cleaned data given by client using various data preprocessing techniques to make the data usable.
- Used Supervised and Unsupervised Learning to find correlations across the span of different files.
- Developed using the agile method to be able to show work weekly during meetings.
- Managed team's Github to merged various branches of work done during the week.
- Worked as a team with fellow classmates to produce a presentable product to the client.

Valet at **Laz Parking** – Los Angeles, CA   September 2014 – Present
- Managed a small team of valet to retrieve vehicles shortening times by over 50%.
- Greeted guests and help unload luggage in a timely and efficient manner.

PROJECTS:

Pokémon Battle Predictor – California State University, Los Angeles   December 2017
> *Worked with:* Python, Scikit-learn, Numpy, Matplotlib, Seaborn, Jupyter Notebook, Git
- Achieved 84% accuracy using bagging classifier.
- Combined heterogeneous datasources sources creating a dataset of over 50,000 records.
- Created an extract, transform, and load (ETL) pipeline which normalized data in preparation for machine learning ingest.
- Created graphs and utilized the Matplotlib and Seaborn library to visualize correlations between various features.

BirrayBirra – Los Angeles, CA   August 2018
> *Worked with*: MongoDB, Express, Angular, Node.js
- Created a simple POS system for a bar using the MEAN stack.
- Architected MongoDB with optimizations for organization making access to information easily accessible.
- Planned and implemented functions to simplify the POS system making usage almost intuitive.

EDUCATION:

Bachelor of Science in Computer Science - California State University, Los Angeles   May 2018