Austin Kim

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Technical Skills

Programming Languages: Python, SQL, R, HTML, Java
Libraries: Pandas, NumPy, Matplotlib, Plotly, Seaborn, Scikit, SciPy, NLTK, Tensorflow, Keras, Selenium, BeautifulSoap, Dash
Big Data & Machine Learning: Linear/Logistic Regression, KNN, SVM, Random Forest, Gradient Boosting, Natural Language Processing, Deep Learning

Education

University of Notre Dame — Notre Dame, IN
Master of Science in Applied Mathematics and Statistics: Data Science Specialization — *August 2021 - May 2023*

University of California, Irvine — Irvine, CA
Bachelor of Science in Mathematics — *March 2017*

Experience

Data Science Intern — Vernon Hills, IL
CDW — *June 2021 – August 2021*

- Initiated a restructure for over 30 million dollars in advertisement using data driven insights
- Profiled online users on CDW.com and CDWG.com based on advertisement sources

Data Engineer Intern — Santa Monica, CA
The Integrated Clinic — *January 2021 – March 2021*

- Pipelined HIPAA compliant data from Google Drive to AWS and Squarespace.
- Launched a data dashboard for doctors to examine their own patient data.

Computer Science and Mathematics Teacher — Orange, CA
Unity Middle College High School — *January 2018 – June 2021*

- Increased standardized test scores by an average of 3% annually analyzing student data and altering instruction.
- Bridged low achieving student performance by 10% using data driven instruction.

Projects

House Prices in Ames, Iowa (Regression)

- Achieved a 89.4 percent lasso regression score for predicting house prices in Ames, Iowa
- Optimized alpha hyperparameter and compared linear, lasso, and ridge regressions.

Bank Term Deposit Subscriptions (Classification)

- Achieved a 91.6 percent gradient boost cross validation accuracy score for predicting bank subscriptions
- Optimized hyperparameters for various models: Gradient Boost, XGBoost, Random Forest, Logistic Regression, Decision Tree, SVM, and Gaussian NB

Certifications

Data Scientist with Python
DataCamp

Supervised and Unsupervised Learning
IBM