

PROGRAMMING SKILLS

Languages: Python, SQL.

Frameworks/Libraries: Scikit-learn, pandas, numpy, TensorFlow, NLTK, selenium, pyLDAvis.

Other: git, iPython notebook, GCP, BigQuery.

DATA SCIENCE PROJECTS

Applied Machine Learning algorithms to perform the job of 135 people costing \$95,000,000

- Trained a logistic regression algorithm (accuracy 0.856) to instantly perform a multi-class classification task currently performed by 135 people, costing \$95mm over 5 years, and averaging 28 days to complete.
- Collected data from BigQuery using SQL and merged the data with data from the USPTO in CSV file format.

Bioinformatics Research and Technology Commercialization (2017 - current)

- Bioinformatics research that evaluates physiological changes in individuals with specific illnesses.
- Built a team of experts, analyzed the market potential, developed a proof of concept, and developed partnerships to conduct the research with the ultimate goal of applying the research to assist doctors and their patients.

EXPERIENCE

Hello World Studio: Data Science / Artificial Intelligence Instructor (September 2019 - Present)

- Instructing middle school students on data science methods using python.

Komply: Data Science / NLP Intern (June 2019 - September 2019)

- Managed data infrastructure and designed automated systems to analyze data integrity of input databases and output of processing pipelines, which resulted in the discovery and fix of a pipeline that was malfunctioning for 3 months.
- Deployed a machine learning algorithm as an API for use across the engineering and data science teams.
- Worked closely with the legal team and the CEO to determine the business objective of their request to build a sentence classification model to assist in document analysis.

McKee PLLC: Patent Attorney (2016 – 2019)

- Provided IP Counseling and support at all levels, for small and large companies and legal teams with varying levels of leadership.
- Built automation tools with python to quickly fill out and submit trademark applications, to help draft high-quality patent applications, and provide more informed legal advice.
- Utilized SQL and Python for topic modeling to provide clients with a data-driven patent protection strategy.

G51 Capital: Venture Scholar (2015 – 2016)

- Reviewed 100+ startup pitches, analyzed market trends, and advised managing partners on investment opportunities.
- Initiated contact with startups and developed relationships into project work with a Fortune 500 client.

Kiverdi: Patent Attorney & Business Development Associate (2013 – 2014)

- Grew the patent portfolio 3X to 35 US and international applications by identifying new innovations and writing patent applications while working with multiple stakeholders.

CERTIFICATIONS

Licensed Patent Attorney: California, Texas, and the USPTO.

Certified International Privacy Professional: US, iapp.org.

EDUCATION

Galvanize: Data Science Immersive (2018)

The University of Texas at Austin, M.S. Technology Commercialization (2016)

The University of Houston Law Center, J.D. (2012)

The University of Texas at Austin, B.S. Microbiology (2007)