

Lee Kho

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RELEVANT PROJECTS

COMP2XR: Synthetic Medical Image Generation Developed with GANs July 2021 – Present

- Developing a pipeline for generating synthetic medical image data using a GAN framework
- Experimenting with multiple GAN types (e.g. PGGAN, StyleGAN, StyleFlow) to determine the highest performing model for a pediatric orthopedic knee x-ray dataset
- Using Python, PyTorch and Tensorflow to build and tune image-generating model
- Assessing quality of output images using SSIM and FID scores

Veterans Health Association (VHA) Policy Library July 2021 – Present

- Assisting the VHA in building a policy library for VISN and VAMC policy documents using MITRE's PolicyNet platform
- Writing Python script to ingest relevant policy documents
- Using regular expressions (i.e. regex) to identify and extract citations within policy documents
- Cleaning policy metadata for ingestion and SharePoint storage

RELEVANT WORK EXPERIENCE

FW Cook | New York, NY July 2015 – May 2018

Executive Compensation Consultant

- Provided executive compensation advisory to public, private, and pre-IPO clients across a diverse set of industries
- Performed research using public filings and conducted analyses on executive and director pay, short- and long-term incentive programs, equity plans, and other compensation-related topics
- Developed customized compensation plans to align executive and stakeholder incentives, and achieve pre-established company goals

Deloitte Singapore | Singapore June 2014 – August 2014

Data Analytics Intern

- Supported live projects related to fraud detection for international banking clients
- Performed data cleaning and analysis on transactional bank data in Excel and SQL with the goal of flagging potentially fraudulent activity and visualized findings using QlikView

EDUCATION

New York University | New York, NY May 2021

M.S. in Data Science

- Core coursework includes Probability & Statistics, Linear Algebra, Machine Learning, Big Data, Natural Language Processing, and Deep Learning

Cornell University | Ithaca, NY May 2015

B.A. in Mathematics (concentration in Operations Research), with a minor degree in Business

- Relevant coursework includes Introduction to Python, Multivariable Calculus, Game Theory, and Optimization
- Served as a grader for Multivariable Calculus and Linear Algebra

SKILLS & INTERESTS

Skills: Python (Matplotlib, Numpy, Scikit-learn), SQL, PyTorch, Apache Hadoop/Spark, Excel, Github, HTML/CSS

Interests: Data visualization, responsible data science, baking, watercolor, drawing, history