SHIH-LUN (ALLEN) HUANG

NEW YORK, NY, 11373 | (929) 544-7817 | allen.sl.huang@gmail.com | LinkedIn

EDUCATION

New York University, Center for Data Science   June 2024
   Masters in Data Science

National Tsing Hua University, Taiwan   June 2021
   Bachelor of Quantitative Finance
   Elective courses in data science

SKILLS

Programming: **Python (Intermediate)** (GitHub), **SQL (Expert)**, MATLAB

Technical Application: *PCA, Regression, **Optimization**, Gradient Descent, **Machine Learning, Text-Mining,***
   Web Crawling, Data Visualization, Corporate Finance, Derivative Pricing

EXPERIENCE

Pinkoi, ***Data Scientist Intern*** *(Full-time)*   July 2021 – Feb 2022
   ● **Analyzed and modeled (Regression** *and **Machine Learning*** methods**) quantitative** and **qualitative data** in **AWS database** for user **behavior research**
   ● **Conducted experiment A/B testing**, and **product optimization** for e-commerce web\app platforms
   ● Constructed **user road map** to improve understanding of different phases of user behavior and increase **user conversion rate**
   ● **Supported product feature designing** and key objective goal planning with a 12-person team consisted of engineers, product designers, and a project manager
   ● **Administered** and **taught** a series of **SQL** and **data visualization sessions** to **60 plus colleagues** from sales team and product team

Department of Quantitative Finance at NTHU, ***Research Assistant***   June 2020 – July 2021
   ● **Processed stand-alone CSR reports and MSCI KLD scores** in **Python** by conducting **web scraping**, **data cleansing**, and **textual analysis**
   ● **Reviewed** and **gave presentations** on **over 20 academic papers** regarding topics such as, **NLP analysis** in **finance**, and **influence of CSR performance** on firm financial performance

PROJECTS

Hedging Climate Change News (Replication)   Feb. 2021 – June 2021
   ● **Constructed a proxy index** to capture climate change innovations by **conducting text anaylsis and data mining** on over 4 years of daily news from Wall Street Journal, 15 whitepapers and 55 glossaries on climate change
   ● **Built a mimic portfolio by modeling volatility** of over 4000 securities in relation to climate change index to hedge climate change innovations

 Does firm performance improve by following the reporting guidelines of SASB materiality map?
                                                                                     March 2021 – July 2021
   ● Researched on the methods of **CSR indexes** including SASB, MSCI KLD, sustainable index, and more
   ● **Analyzed** changes in the proportion of different CSR categories **with text mining** on stand-alone CSR reports

LEADERSHIP AND ACCOMPLISHMENTS

NTHU Kenya International Volunteer Group, ***Public Relations***   Oct. 2018 – Sep. 2019
   ● **Raised $70,000 and 250 computers**, and helped promote sponsors, also have experience receiving company executives
   ● **Acquired official contract** with **education authorities in Kenya** to support our volunteering work

2019 Kenya ICT Education Workshop, ***Director/Host***   Oct. 2018 – July 2019
   ● Directed an ICT education workshop for about **60 participants** including teachers, university professors and CS major students to discuss ICT education issues in Kenya at Dedan Kimathi University in Nyeri, Kenya