GUANGMING LANG

I have developed bitcoin perpetual contracts trading strategies that yielded greater than 1% daily returns for 2 months[1], analyzed a complex set (16 GB) of stock market data using linear panel models, and implemented a Kalman filter to detect the mean-reverting pattern in stock prices[2].

Currently looking for opportunities in DeFi to leverage my data science, machine learning, programming, math and statistics skills.

CONTACT

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🔗 gmlang.com

github.com/gmlang

gitlab.com/gmalng

linkedin.com/in/gmlang

SKILLS

R
Python
SQL
Tidyverse
Shiny
Pandas
Scikit-learn
Spacy
TensorFlow
Keras
English
Chinese
Korean

🎓 EDUCATION

2012 | 2009

M.S., Biostatistics
University of Michigan   📍 Ann Arbor, MI

· Focused on survival analysis & data visualization.
· National Science Foundation (NSF) Graduate Research Fellowship

2007 | 2004

B.A., Mathematics
New College of Florida   📍 Sarasota, FL

· Thesis: Mixture Model of Mutagenetic Trees
· Florida Bright Future Scholar, New College of Florida Scholarship

💼 EXPERIENCE

current | 2013

Founder and Data Scientist
Cabaceo LLC   📍 Ann Arbor, MI

· Started this analytics company right after graduate school.
· Worked with data from Crypto & DeFi, the stock market, fintech, real estate, eCommerce, IoTs, survey & psychometrics, marketing & sales, human resouces, medicine, and biotech.
· Built production-level machine learning engines on structured data and state-of-the-art NLP models on unstructured data.
· Helped more than 160 clients in over ten different industries and produced at least 10X return on investment for clients.

2008 | 2007

Analytic Consultant
FICO   📍 Austin, TX

· Worked as a key team member on projects from Coca-Cola, Canadian Tire Bank, Dick's Sporting Goods, and The Picture People.
· Created slides for managers and made them look good in front of clients.
· Built logistic regression models to predict marketing campaign responses. Built risk scoring models and customer segmentations.
· Developed novel methods and improved model performance by 6 ~ 17%.

📖 PUBLICATION

2021

ezplot – How to Easily Make ggplot2 Graphics for Data Analysis[3]
Leanpub.com

2015

Score Personal Loan Applicants using R[4]
Leanpub.com

🔗 LINKS

1. https://cabaceo.com/trading/develop_trading_signals_for_bitcoin_perpetuals/
2. https://cabaceo.com/assets/stock-price-forecasting-with-kalman-filter.pdf
3. https://leanpub.com/ezplot
4. https://leanpub.com/scorepersonalloanapplicantsusingr