

GUANGMING LANG

I have developed bitcoin perpetual contracts trading strategies that yielded greater than 1% daily returns for 2 months¹, 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 prices².

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

EDUCATION

2012
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2009

M.S., Biostatistics

University of Michigan

Ann Arbor, MI

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

2007
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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

- Became an independent data scientist since graduate school.
- Worked with data from Crypto & DeFi, the stock market, fintech, real estate, eCommerce, IoTs, survey & psychometrics, marketing & sales, human resources, 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
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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 Analysis³

Leanpub.com

2015

Score Personal Loan Applicants using R⁴

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>

CONTACT

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SKILLS

