

Hongling Lei

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EDUCATION

Xiamen University

BEcon in Finance. GPA 3.81/4.0 (3.89 by WES)

China
Sept. 2016 – Jun. 2020 (expected)

Coursework: Statistics, Mathematical Analysis, Probability Theory, Linear Algebra, C, Econometrics, Data Science, etc.

University of California, Berkeley

Semester Exchange, Multidisciplinary Program. GPA 3.95/4.0

U.S.
Jan. – May 2019

Coursework: Data Analysis (Python), Computing with Data (R), etc.

Nanyang Technological University

Summer Exchange, Digital Marketing. GPA 5.0/5.0

Singapore
Jun. – Jul. 2018

PROFESSIONAL EXPERIENCE

LexinFintech Holdings Ltd.

Data Analyst Intern, Big Data Intelligence Department

Shenzhen
Aug. – Sept. 2019

- Transformed, cleansed and analyzed over 667K real-time customer profile data using Apache Hive, Spark and SQL; developed an interactive web report with a search function, provided the visualized results for the Fintech Product Department, and automated the calculation process that enabled the report to be updated daily
- Participated in the Financial Statement Project: extracted 44 testing samples that covered all situations from 170M financial data for the Risk Management Department, helping to shorten generation time from 3 days to 2.5 hours
- Performed database consistency checks, sorted flawed tables based on importance identifier and job dependency calculations, and fixed abnormal jobs through checkpoint recovery

HOPU Investment Management Co., Ltd.

Part-time Assistant, Private Equity

Remote
Sept. – Oct. 2018

- Conducted desk research regarding the industry chain, customer segments, evolution and market size throughout the whole coworking industry in both China and the US
- Created company portfolios of 7 major players including WeWork, UCommune, and Kr Space, with firm-specific analysis of profit models, cost management, competitive edges, M&A strategies, backgrounds of investors and founders. Performed evaluation analysis based on companies' historical financing data
- Participated in in-depth interviews of the CMO and senior managers in target investees; constructed 5 documents of facts and analysis based on the internal information gained through those expert calls

YIYI Capital

Summer Intern, Venture Capital

Beijing
Aug. – Sept. 2018

- Participated in due diligence, financing and public relations incubation processes of two invested start-ups
- Assisted general partners of the VC and the CEO of a media start-up in successfully making a deal with a Swedish corporation; interpreted for both sides when needed, and independently negotiated with the CTO of the client
- Attended roadshows in Shanghai and a global blockchain conference; documented conference key takeaways

PROGRAMMING PROJECTS

Projectile Motion Simulation and Analysis – Using Python

Team Member (with 2 Googlers)

San Francisco & Berkeley
Mar. 2019

- Applied aerodynamics knowledge and Newton's method using NumPy and SciPy
- Simulated the launch, demonstrated the real-time coordinates, and animated the trajectory of projectiles; designed secondary responses depending on if the projectile falls into the target box
- Developed a simplified throwing game; provided different environments (vacuum or with drag) and modes (preset or customized), alongside functions like result predictions and performance comparisons among players

NBA Performance Analysis, Shiny App Development, and Package Writing – Using R

Independent Coder

Berkeley
Jan. – May 2019

- NBA Performance Analysis:** Cleaned 4818 lines of raw data, constructed shot charts, calculated the 2-pointer, 3-pointer and overall effective shooting rates, and derived the most suitable positions for five players, respectively
- Shiny App Development:** Constructed a user-interactive web app with 3 investment modes, which can forecast cumulative returns and graph the growing trends given user input
- Package Writing:** Created an R package called "binomial" that tests the validity of inputs, calculates the probability based on given parameters, graphs the distribution and displays a summary of skewness, kurtosis, etc.

ACTIVITIES/AWARDS

XMU Business Elite Club, Deloitte Club, Student Union in Department of Finance (President of the Academic Sector)
University Merit Scholarship (top 0.5%), Student Honors Program (top 2%), Academic Excellence Award (top 10%), etc.

TECHNICAL SKILLS

Programming/Software: R, Python, SQL, C, HTML, TensorFlow, Apache Hive, Apache Spark, Meltwater, SEMrush
Languages: Mandarin Chinese (native), English (fluent, TOEFL 116 with Speaking 30), Korean (basic)