Yuqin Fang

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT — Los Angeles, CA
Master of Financial Engineering — GRE: Quant: 170 — Expected Dec 2027

UNIVERSITY OF WATERLOO — Waterloo, Canada
Honor Bachelor of Mathematics, Double Majors in Computational Mathematics and Statistics — Jul 2021
- *Relevant Courses:* Software Development, Computational Inference, Statistical Learning and Data Structure and Visualization

SKILLS & CERTIFICATES

- Technical Skills: Python (Pandas, NumPy), R, MATLAB, SAS, SQL, C++, JavaScript
- Certifications: SAS Base Programmer, SAS Advanced Programmer
- Professional Skills: Data Mining & Web Scraping, Quantitative Research, Statistical Modeling

EXPERIENCE

UBS — Shanghai, China
Web Mining Developer — Sep 2022 - Aug 2026
Employee (Sep 2022 - Mar 2026) | Authorized Officer (Mar 2026 - Aug 2026)
- Developed and maintained robots on KAPOW(RPA tool); after the platform was retired, participated in migration plans as an initial user of the internal JavaScript-based platform. Tested functions and provided issues and feedback to its supportive team.
- Built 20+ new robots annually to scrape pricing data on target websites and maintained harvest team's robots on weekly bases.
- Contributed to the US REITs core group starting 2023. Designed and built web scraping robots to extract real estate data across single family, manufactured home and self storage assets. Delivered web mining driven recommendations; proposed an enhanced valuation methodology integrating repeat sales models, hedonic regression and spatial analysis techniques.
- Consolidated and verified datasets as a data engineer within the shadowing program. Pulled data from multiple vendors, leveraged Python for analysis, generated actionable insights and presented findings to support decision making.

Associate Analyst *(rotation program)* — Aug 2025 - Oct 2025
- Conducted equity research on Chinese consumer agriculture and staple food sectors, drafting analytical takeaways for investment decisions.
- Drafted monthly "First reads" on China pet food sector, summarizing key market trends.
- Developed and updated weekly databases tracking key agricultural metrics such as hog data, aggregating data from platforms including Wind and mysteel.
- Assisted a senior analyst in understanding and citing EL survey data. The China consumer staple product use survey was cited in an equity research report: initiating coverage on Yankershop Food Co., Ltd.

HUAWEI — Beijing, China
C++ Software Developer — Sep 2021 - Aug 2022
- Led a developer self-test initiative, authoring 3k+ lines of test code across 45 test cases, increasing code coverage by 4.04% on a 93k-line code base, improving release quality for the team.
- Participated in a three-iteration feature program based on a new IETF draft submitted by Huawei; independently developed the major function in each iteration, including the command line interface for the NETCONF protocol and YANG data modeling language to manage the NETCONF content layer.

GREENWARE SERVICES — Toronto, Canada
Artificial Intelligence Developer — May 2020 - Sep 2020
- Architected the full framework for the Hungarian assignment algorithm, authored UML design diagrams and implemented core logic in C# to generate combinatorial optimal solutions.
- Validated algorithm implementation against client requirements, reduced manual calculation effort and lowered human allocation errors.
- Built and deployed a Windows form desktop UI for non technical end users, supported result selection and file download for stakeholders.

PROJECTS

Global Electric Vehicles (Tesla) Price Monitor — May 2023 - Sep 2025
- Built JavaScript based web robots to track global Tesla price fluctuations. Sustained production grade robot reliability for 2+ years; proactively repaired and updated scrapers to adapt to frequent target website changes, ensuring continuous data availability.

PUBG Finish Placement Prediction based on the LightGBM algorithm — Oct 2020 - Nov 2020
- Preprocessed the data and explored data by building basic random forest algorithm to train the model.
- Utilized the LightGBM algorithm to fit target data and make predictions on the winning chance for players.
- Achieved a mean absolute error of 0.01907 on Kaggle, ranking approximately No. 7 on the leaderboard

ADDITIONAL INFORMATION

- *Languages:* Mandarin (native), English
- *Volunteer Work:* People committee at UBS (2023 - 2025)
- *Interests:* Tennis, Swimming