

Borun (Carl) Li 李帛润

Data Analyst | Data Science Undergraduate

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EDUCATION

Duke Kunshan University (DKU) & Duke University

B.S. in Data Science (Intended), DKU

Class of 2029

Kunshan, China

- Relevant coursework: Statistics (STATS 101), Programming (COMPSCI 101, 102), Mathematics (MATH 105, 206).

TECHNICAL SKILLS

Analysis and modeling: Python (pandas, NumPy, scikit-learn), R, MATLAB, machine learning, statistical modeling, feature engineering, model validation with cross-validation.

Data handling and visualization: data cleaning and quality control, exploratory data analysis, chart and figure design, technical writing, Adobe design tools.

Automation: Codex and OpenClaw AI agents for automating cleaning scripts, pipeline setup, code checks, and rapid reporting; Git/GitHub.

DATA ANALYSIS COMPETITIONS

Kaggle Medium Competition - Top 10% Finish

2026

Kaggle Medium Series, tabular prediction task

Remote

- Built an end-to-end tabular workflow in Python: cleaned and explored the competition data, handled missing values and outliers, and engineered features before modeling.
- Compared and tuned candidate models under cross-validation instead of a single train/test split, which lifted the final submission into the top 10% of the leaderboard.
- Kept the work in documented notebooks so every cleaning step, feature choice, and model run could be reproduced and reviewed.

China Undergraduate Mathematical Contest in Modeling (CUMCM) - Provincial Second Prize

2025

Team member, data analysis and visualization

China

- Turned an open-ended modeling problem into a structured analysis: cleaned and merged the source data, checked model assumptions, and built and solved the model set in Python and MATLAB.
- Produced the charts and diagrams for the final paper, choosing visual forms that made the results and key trends readable to judges outside the team.
- Delivered the models, results, and written report inside the three-day contest window, earning a provincial second prize.

DATA AND RESEARCH EXPERIENCE

Circuit and Behavior Lab (Chen Lab) at DKU

May 2026 - Present

Student Research Assistant to Dr. Chia-Chien Chen, Assistant Professor of Neuroscience

Kunshan, China

- Manage lab data from collection through analysis: organize incoming files, run quality-control checks that flag failed or inconsistent samples, and keep the experimental record consistent with the data.
- Run batch analysis of microscopy data using Python-based Neuron
- Build figures and summary visualizations in MATLAB for lab presentations and papers.

Neuroscience Lab at Care YaYa (Remote)

July-Aug 2026

Intern Research Assistant, Innovation Department

Durham, US

- Analyzed neural data recorded by non-invasive devices, characterizing signal patterns and data quality issues across sessions.
- Reviewed and summarized papers and reports on AI in medicine, pulling out the findings the team could act on.
- Completed independent research and analysis tasks with AI agents, using them to speed up literature triage and routine processing steps.

WORK EXPERIENCE

Kunshan Gaozong CEE Education and Training Center Co., Ltd

June-Sep 2026

Full-time Chemistry Tutor

Suzhou, China

- Tutored middle and high school students in chemistry, translating technical material into explanations matched to each student's level.
- Ran regular progress checks with students and parents, and adjusted lesson plans where results showed a concept had not landed.

ADDITIONAL INFORMATION

Languages: English (fluent), Mandarin (native), Spanish (beginner).

Certification: IELTS 7.0 (2024).

Presentation: Regular public speaking and technical presentation experience, including figure design for lab talks.