

Mark Li

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Education

Carnegie Mellon University

Pittsburgh, PA

Bachelor of Science in Information Systems, additional major in Business Administration

May 2027

GPA: 3.7

Relevant Coursework: Regression Analysis, Discrete Math, Data Structures and Algorithms, IS Milieux

Work Experience

Sead Software

New York, NY

Data Science Intern

May 2024 - Aug 2024

- Cleaned data for a portfolio risk management solution by debugging security master ID mixups and front-end display issues for international tickers, enhancing reliability by 15%
- Corrected donor and gift data mapping issues for nonprofit MyFace, increasing donation tracking accuracy by 25%
- Created Tableau KPI dashboards for the CFGI recruitment and onboarding team, streamlining the recruitment pipeline and boosting hiring efficiency by 10%

Projects

Data Storage, Management, and Visualisation System for Africa Cries Out (NGO)

Aug 2024

- Built a full-stack web application using Flask, SQLAlchemy, and WTForms
- Designed a relational database to manage patient, medical condition, and prescription data efficiently
- Created KPI data visualizations, enabling in-depth analysis of patient demographics, prevalent medical conditions, and prescription trends
- Set up offline data storage capabilities for low/no connection areas

Technical Skills

- **Languages:** Python, C, R, SQL
- **Frameworks:** Flask, SQLAlchemy, WTForms
- **Developer Tools:** Git, AWS, VS Code, Pycharm
- **Libraries:** Pandas, NumPy, Matplotlib

Leadership

Carnegie Mellon Racing

Sep 2023 - Present

- Finance Committee - allocated budget to subteams, acquired over \$6300 worth of sponsorships
- Marketing and Outreach Committee - managed social media accounts with 3500+ total followers, moderated design and outreach teams.
- Race Operations Committee - brainstormed creative solutions to miscellaneous problems/operational inefficiencies

Mens Water Polo Club Team Captain

Sep 2024 - Present

- Planned strategies and fostered team cohesion
- Conducted weekend practices focusing on mechanics and strategy