

David Xu

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EDUCATION

Bachelor of Science in Informatics | University of Washington - Seattle

Focus Area: Data Science

Relevant Coursework: Foundational Skills for Data Science, Databases and Data Modeling, Data Structures and Algorithms

Minor in Business | University of Washington – Seattle

Focus Area: Business Administration

Relevant Coursework: Essentials of Accounting, Essentials of Marketing and Sales

TECHNICAL SKILLS

<i>Programming Languages:</i>	PSQL, R, Java, Python, HTML, CSS, JavaScript, Typescript
<i>Operating Systems:</i>	Windows, Mac

RELEVANT EXPERIENCE

Market Research Analyst | HL Partners LLC | Remote 02/2022 - 05/2023

- Conduct user and market research to assist the team in market analysis
- Collecting and analyzing potential customer data and formulating marketing strategies
- Collaborating with the team to contact targeted clients for sustained business growth

TECHNICAL PROJECTS

Internet User Information 10/2022 – 12/2022

Foundational Skills for Data Science Coursework

- Analyzed the relationship between internet service speed, pricing, and provider practices across US regions using R and HTML. Generated insightful visualizations of collected data.

Airbnb Data Modeling 01/2024 – 03/2024

Databases and Data Modeling Coursework

- Organized Airbnb's database using Entity-Relationship diagrams and explored relations between entity sets. Designed database queries using PSQL to model potential inquiries against the database.

Maze Implementation 02/2024 – 03/2024

Data Structures and Algorithms Coursework

- Built Java application with a user-friendly GUI for maze generation and navigation. Implemented Kruskal's and Dijkstra's algorithms for efficient maze creation and pathfinding.

SKILLS

Data Analysis	Collaborative Problem Solving
Data Visualization	Networking and Communication
Data Modeling	Critical Thinking