Yunyi (Iris) Ding

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Education Background

University of Washington, Seattle Expected March 2024
Bachelor of Science in Informatics: Data Science & Human-Computer Interaction **GPA** 3.91/4.0
Dean's List 2020-2022

Professional Experiences

IT Assistant, Sidewalk | Olympia, Washington Nov 2022 – Jun 2023

- Engineered a database system using Caspio and Casebook, improving service delivery and responsiveness in handling landlord and volunteer related data.
- Championed cleansing and organizing landlord data, securing reliable feeds for decision-making and enhancing data accessibility.
- Instituted a collaborative approach for swift and effective resolution of technical issues, minimizing service disruptions.
- Led web application development initiatives, using HTML, CSS, and JavaScript, optimizing site functionality and engagement.
- Streamlined project management by planning and monitoring timelines, ensuring on-time delivery and clear communication.

Analyst, Ningbo EB Consulting Group | Ningbo, China May 2021 – Aug 2021

- Leveraged Tableau for sales data analysis and visualization, guiding client decisions.
- Collaborated with interns to deliver comprehensive system analysis.
- Conducted research on key manufacturers, offering insights to shape business strategies.
- Utilized R to assess industry demand and proposal feasibility, aiding strategic planning.

Technical & Research Projects

iAdiós COVID, Research Assistant, Seattle, WA Jan 2023 – April 2023

- Worked with a diverse team of volunteers to collect, clean, validate, and store both qualitative and quantitative data, obtained through surveys, interviews, and web scraping
- Assisted in building and maintaining a public, open-source data repository for Long COVID research, leveraging AWS S3 for secure and scalable data storage
- Conducted research on vaccination patterns within the Latino community, providing crucial data for project strategy.
- Collaborated with various stakeholders to develop effective community outreach programs and wellness resources.

Dvogue Website, Frontend Developer, Seattle, WA May 2022 – Aug 2022

- Led the development of a responsive clothing recommendation web application using React.js, which matches, searches, saves, and recommends outfits based on user preferences.
- Tested the application for usability and fixed bugs, resulting in a 30% decrease in user-reported issues.
- Conducted user research to understand customer needs and preferences, which was incorporated into the design of the clothing recommendation system.
- Implemented state management practices to manage user input and to ensure efficient rendering and data consistency.

COVID-19 Vaccinations, case, death worldwide, Analyst, Seattle, WA March 2022 – May 2022

- Utilized key Python libraries, including Pandas, Matplotlib, Plotly, Scipy, and Math, to extract insights and create interactive and insightful visualizations, enriching the understanding of the global impact of the pandemic.
- Designed and implemented a range of data visualizations which effectively communicated complex trends and insights from COVID-19 data, aiding in the understanding and decision-making of health policymakers.
- Published results through an interactive web page, developed using the Shiny framework in R, ensuring broad accessibility and user-friendliness.

Skills

Programming Languages:	Python | Java | HTML | CSS | R | SQL | JavaScript
Data Visualization:	Tableau | PowerBI | Apache Superset
Frameworks/Apps:	Firebase | MySQL | React | Git | Figma | Azure | AWS