Yunyi 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 3.88/4.0
University of Washington Dean's List 2020-2022

Professional Experiences

IT Assistant, Sidewalk | Olympia, Washington   Nov 2022 – Current
- Provided technical supports to users in a fast-paced environment and collected user feedbacks to improve the system
- Developed and maintained web applications using HTML, CSS, and JavaScript
- Designed and implemented databases using a low-coding platform
- Diagnosed and troubleshot technical issues and collaborated with team members to find solutions to complex problems
- Communicated with departments and planned the information construction and implementation plans
- Assisted in project planning and timeline management

Analyst, Ningbo EB Consulting Group | Ningbo, China   May 2021 – Aug 2021
- Analyzed and visualized sales data of clients with Tableau to inform their dashboard decisions
- Assisted in systematic analysis of selected systems with other interns
- Investigated key manufacturers' business layout and major fields
- Utilized R to assess the feasibility of proposals by investigating the industry demand

Marketing Director & Event Organizer, Levervision Group| Ningbo, China   Oct 2020 – Aug 2021
- Developed and implemented data analysis strategies for international high school students in Ningbo
- Conducted comprehensive analysis on 5 business competitions in the Ningbo region, resulting in an accumulated profit of 15,000 RMB
- Negotiated sponsorship agreements with various sponsors, securing 40,000 RMB annually Established relationships with business clubs at different schools to increase the reach of the data analysis efforts
- Implemented financial controls and procedures to ensure the accuracy of data analysis

Technical Projects

Reservation System for Vaccination Appointments, Programmer, Seattle, WA   Nov 2022 – Dec 2022
- Implemented code to store and manage Patient information and vaccine appointments using Microsoft Azure and SQL
- Developed a command-line terminal application to interact with the database and managed appointment slots and inventory
- Utilized knowledge of database management and coding (SQL, Python) to complete project tasks

COVID-19 Vaccinations, case, death Worldwide, Data Scientist, Seattle, WA   Mach 2022 – May 2022
- Experienced in analyzing and visualizing data using Python, R, and Tableau to gain insights from complex datasets
- Developed a project to analyze COVID-19 vaccination, cases, and deaths worldwide using Python and R. Utilized libraries such as Pandas, Matplotlib, Plotly, Scipy, and Math to analyze and visualize data
- Implemented interactive visualizations using Plotly library in Dash and saved non-interactive visualizations locally
- Provided extra testing interactive visualizations through Tableau Software
- Developed an interactive web-page using Shiny frame in R

Mental Bridge Application, Initiator & Designer, Seattle, WA   Jan 2021 – May 2021
- Collected 100+ questionnaires with team members to research mental health concerns for international students
- Implemented Python to visualize the result and analyzed reasons of emotional issues and academic pressures
- Designed the framework of Mental Bridge app to help students match mentors to solve mental problems
- Designed the UI of Mental Bridge app with Figma and Whimsical

Skills

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