

# Yunyi Ding

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## Education Background

### University of Washington, Seattle

Bachelor of Science in **Informatics**: Data Science & Human-Computer Interaction

University of Washington Dean's List 2020-2022

Expected March 2024

GPA 3.89/4.0

## Professional Experiences

### IT Assistant, Sidewalk | Olympia, Washington

Nov 2022 – Current

- Provided technical supports to users and collected feedbacks for system improvement
- Developed and maintained web applications using HTML, CSS, and JavaScript
- Diagnosed and troubleshoot 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 help decision making
- 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

## Technical & Research Projects

### ¡Adiós 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

- 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. Utilized libraries such as Pandas, Matplotlib, Plotly, Scipy, and Math to analyze and visualize data interactively.
- Developed an interactive web-page to publish the results 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