Travon Dao

Seattle

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Personal Profile

A University of Washington - Seattle alumni from the Information School and Psychology Department who has two or more years of expertise in full-stack web development, and one year in human-subjects research. Dedicated to creating accessible technologies for all, including those with intellectual disabilities. Searching mostly for web development (front-end, back-end, or full-stack) positions.

Work Experience

Language, Cognition, & Development Lab — *Seattle, WA*
Research Assistant — *January 2023 - September 2023*

- Led 35+ research experiments with parents and 11-month old infants utilizing eye-tracking technology
- Transcribed 50+ videos of parent-infant study experiments using DataVyu
- Conducted R data analysis on infant study data and wrote 10+ documentations using R markdown
- Managed parent and infant participant data on REDCap database
- **Technical Skills:** R-programming, data cleaning, data visualization, video transcription,
- **Soft Skills:** Oral presentation, teamwork, interpersonal communication

University Projects

Prompty Chatting Application — *Seattle, WA*
A prompt-driven chatting app for intergenerational families — *2023*

- Used Google Firebase for storing user data, friend requests, chat messages, over 1000 chat prompts, and images uploaded by users
- Delivered a mobile social media application using a React Native front-end
- Conducted literature review and user research to iteratively prototype solution
- **Technical Skills:** JavaScript, Figma, Firebase

Rate My Study Spot Website — *Seattle, WA*
A site where college students can share on-campus study spots, rate, and review them — *2023*

- Deployed a full-stack Microsoft Azure website using express.js framework for building RESTful APIs
- Utilized MongoDB for storing college study spots data, user profile information, and reviews/ratings of study spots submitted by college students
- **Technical Skills:** JavaScript, Figma, Microsoft Azure, MongoDB, Express.js, Node.js

Washington State Prison and Court SQL Database — *Seattle, WA*
Database in 3rd normalized form for storing prison and court data — *2023*

- Led a team of 5 in developing a SQL relational database for Washington State courts and prisons
- Wrote stored procedures to populate tables and user-defined functions for adding check constraints
- Created 5+ data visualizations using Tableau for presentation
- **Technical Skills:** SQL, Azure Data Studio, Tableau, Data normalization

Skills

Programming	Java, Python (Pandas, NumPy, etc.), R (ggplot2, plotly, shiny), HTML/CSS, JavaScript (React, React Native, Express, Node, SQL.
Miscellaneous	Linux, Shell (Bash), markdown, R-markdown, Git, GitHub, Figma, Visual Studio Code, Intellij IDEA, MongoDB, Firebase, RStudio, DataVyu, Azure Data Studio, Azure DevOps.
Soft Skills	Teamwork, Team Leadership, Problem-solving, Documentation, Oral Presentation, Interpersonal Communication.

Education

University of Washington — *Seattle, WA*
Bachelor of Science in Informatics — *GPA: 3.98*
Data Structures & Algorithms, Programming Concepts & Tools, Data Science Foundations, Client-Side Development, Data Modeling & Database Management, Server-side Development

University of Washington — *Seattle, WA*
Bachelor of Arts in Psychology — *GPA: 3.81*
Fundamentals of Psychological Research, Statistics, Writing in Psychology, Neuroscience of the Mind, Abnormal Psychology, Developmental Psychology, Animal Behavior