Travon Dao

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Tsjsnjsnsj

PROJECTS

Prompty Chatting Application - Mobile Developer, Researcher | UW iSchool Capstone | Jun. 2023
- Delivered a mobile social media application using a React Native front-end
- Used Google Firebase for storing user data, friend requests, chat messages, over 1000 chat prompts, and images uploaded by users
- Conducted literature review and user research to iteratively prototype solution

Rate My Study Spot Website - Back-End Engineer | Mar. 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

Seattle Prison SQL Database - Team Lead, Developer | Dec. 2022
- 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

Hate Crime Web Application - Data Analyst, Developer | Dec. 2021
- Performed data transformation and R analysis (dplyr, tidyr) on a large dataset on U.S. hate crimes
- Used ggplot2 and Plotly libraries to create 5+ data visualizations showing nationwide trends
- Deployed an interactive Shiny application containing visualizations that respond to user input

EXPERIENCE

Research Lab Assistant | UW Seattle Language, Cognition, & Development Lab | Jan. 2023 - Sept. 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

EDUCATION

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

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

TECHNICAL SKILLS

Languages: Java, Python, R, SQL, HTML, CSS, JavaScript
Frameworks: React, React Native, Bootstrap, express.js, node.js
Tools: Visual Studio Code, Intellij IDEA, RStudio, Azure Data Studio, Github, Command Line Interface, Terminal, Firebase, MongoDB, Azure DevOps, Figma
Other: Scientific research, statistics, data visualization, UX design & research, public speaking, professional writing, team leadership