Ruben Dimas

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Education

University of Texas at Austin   August 2017 – May 2020
B.S., Mathematics
B.S.A., Chemistry • Elements of Computer Science Certificate

Experience

Population Research Center   January 2022 – December 2022
Research Associate
- Created Python scripts for experiments used in data collection.
- Wrote documentation and user guides for software.

Apple Inc.   January 2021 – September 2022
Data Analyst AI/ML
- Transcribed audio for correctness in mirroring user speech.
- Evaluated Siri responses for accuracy and helpfulness.

Aquila Analytics LLC.   August 2022 – May 2021
Business Analyst
- Wrote and designed an account tracking system with React, Electron, and Azure Functions for a stop loss insurance company; used to manage customer billing accounts.

Project SEED   March 2018 – May 2020
Research Assistant
- Collected saliva samples, dried blood samples, and health measurements for a longitudinal study on social, emotional, educational, and health outcomes for Mexican American language brokers. Trained participants for at home saliva collection and daily surveys.
- Trained assistants by conducting training sessions and proctoring exams.
- Recruited and interviewed prospective assistants.
- Consulted and provided feedback on process improvement for the next phase of the study.

Projects

Ray Tracer
https://github.com/rdimas-ut/ray-tracing-rust
- Wrote an implementation of Peter Shirley's **C++** ray tracer in **Rust**.

Account Management System
https://github.com/rdimas-ut/insurance-ts
- GUI for tracking headcount used in insurance billing. Used React, Electron, and Azure to produce invoices.

Skills

Languages: Python, Rust, Elixir, R, C++, JavaScript, TypeScript, HTML, CSS, SQL
Tools: git, Docker, Azure Blob, Azure Functions, Azure App Servers, Google Big Query
Libraries: React, Svelte, sci-kit learn

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