RUBEN DIMAS

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EDUCATION

University of Texas at Austin   August 17' – May 20'
B.S in Mathematics, B.S.A in Chemistry
Elements of Computer Science Certificate

WORK EXPERIENCE

Apple Inc.   January 21' – September 22'
Data Analyst for AI/ML
- Transcribed audio for correctness in mirroring user speech.
- Evaluated Siri responses for accuracy and helpfulness.

Population Research Center UT Austin   January 22' – August 22'
Research Associate
- Wrote **Python** scripts, using **PsychoPy,** that generate experiments used in data collection.
- Consulted on the use of **PsychoPy** and wrote internal guides.

Aquila Analytics LLC.   August 20' – May 21'
Business Analyst
- Wrote and designed a data tracking system with **React**, **Electron**, and **Azure Functions** for a stop loss insurance company; used to manage customer billing accounts.

Project SEED/Dr. Su Yeong Kim   March 18' – May 20'
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 the at-home saliva collection and daily survey portion of the study.
- Trained assistants, proctored exams, provided feedback on training, interviewed prospective assistants, provided feedback on process improvement, participated in recruitment of assistants.

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

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

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

WEBSITE: https://rdimas-ut.github.io
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