Tomás Rodríguez Dias

Santiago, Chile • troddiav0@gmail.com • +56 9 42830236 • www.linkedin.com/in/tomas-rodriguez-dias/

Education

University of Chile	Santiago, Chile
Bachelor of Science in Engineering, Major in Computer Science	2020 - 2023
Computer Civil Engineering	2023 - 2025

Thesis: [Development of a Module for the Integration of Electronic Payment Methods in Open Source Moqui Framework]

Honors: Outstanding Student Award for Academic Performance (2020, 2022, 2023, 2024)

Experience

ActLikeMe	Santiago, Chile (remote)
Backend Engineer (freelance)	June 2025 – August 2025

- Designed and built backend architecture for browser automation platform using GCP, FastAPI, MongoDB and browser-use.
- Integrated Stripe to manage the entire payment lifecycle, including subscriptions and a credit-based usage system.
- Implemented a real-time control and monitoring system using WebSockets (Socket.io) and Hyperbrowser.
- Managed services on Google Cloud Platform (GCP), ensuring data encryption and a secure Cloud Run backend.
- Optimized browser automation flow and security of sensitive user credentials.

Niuro	Santiago, Chile (remote)
Software Developer (full-time)	July 2024 – June 2025

- Full-stack development of a medical order management platform using Svelte for the frontend and FastAPI for the backend.
- Implemented MFA authentication flow and authorization logic.
- Designed a Role-Based Access Control (RBAC) system from scratch to secure the API and manage user permissions/roles.
- Automated key business processes through the integration of the Inovalon API and the development of an automated document generation service.
- Designed and managed AWS architecture for assigned features.
- Developed unit and integration tests for features using pytest.

Mineral Forecast	Santiago, Chile
Full-Stack Developer Intern	January 2023 – March 2023

- Developed a full-stack module to automate the cleaning, standardization, and transformation of key geological data.
- Built an interactive user interface with Vue.js that significantly reduced manual data preparation time for the dedicated user.
- Collaborated with a multidisciplinary team to deliver a tool that improved the data analysis workflow.

Skills & Interests [Note: Optional]

- **Technical**: git, Python, JavaScript, SQL, GCP, AWS, Git, Docker, FastAPI, Svelte, Pandas, Numpy, Socket.io
- **Language**: Spanish, Fluent English
- **Interests**: Cybersecurity, Applied Cryptography, Videogames, Running