Vicente Cuevas

Valparaíso, Chile • vcuevas.dev • vicente.cuevas.dev@gmail.com • +56 9 91 93 53 74

Profile

Computer Science Engineer (Thesis in progress) with a strong background in Software Architecture, Backend Development, and AI Solutions. As a Software Engineer, I designed secure microservices architectures guided by **OWASP ASVS** standards using Python and Go. Additionally, as Tech Leader at **DialogApp**, I engineered proprietary datasets and implemented State-of-the-Art (SOTA) algorithms for sign language recognition. I am now seeking to launch my professional career in **Software Engineering** or **Data Science/Machine Learning** roles.

Education

Universidad Técnica Federico Santa María   Valparaíso, Chile
Bachelor of Science in Computer Engineering and Bachelor of Engineering Science.   March 2026
Pending Thesis Defense

Experience

DialogApp   Chile
Tech Leader & Co-Founder   May 2024 – Present
- Lead the design and definition of the architecture and technologies for a real-time bidirectional Chilean Sign Language translator.
- Built and curated a proprietary dataset for Chilean Sign Language to train and validate recognition models.
- Design a proprietary sign language recognition algorithm by leveraging and extending State-of-the-Art (SOTA) AI models, with implementations in Python and native Android (Java/Kotlin).

Develrox   Chile
Software Engineer   Oct 2023 – Jul 2024
- Designed and defined software architectures and technology stacks for company products.
- Developed high-performance backend solutions within a microservices architecture using Python, Go, and NodeJS.
- Managed asynchronous inter-service communication by implementing RabbitMQ queues and deployed applications using Docker containers.

Software Engineer Intern   Jul 2023 – Oct 2023
- Collaborated on the design and definition of architectures for company products.
- Developed backend functionalities in a microservices environment (Python, Go, NodeJS), gaining experience with RabbitMQ and Docker.

Leadership & Activities

32nd UTFSM Software Fair   Chile
Winner, Health Tech Category   Nov 2024
- Achieved 1st place in the "Health Tech" category for the design and development of the DialogApp project, a bidirectional Chilean Sign Language translator.

Skills

Programming Languages: Python | Go | NodeJS | Java/Kotlin | React Native
Technologies & Databases: SQL | MongoDB | RabbitMQ | Docker | Git | REST
Languages: Spanish (Native) | English (C2 EF Set)