

Dimitri Bachkatov Droguett

Software Engineering Student

Santiago, Chile

dimitri@bachkatov.dev • bachkatov.dev • [LinkedIn](#)

Education

Universidad Finis Terrae

2023 – Present

B.Sc. in Civil Engineering in Computer Science and Telecommunications. Focused on software engineering, web development, databases, algorithms, networking, and artificial intelligence through academic coursework and independent learning.

Tech Stack

PROGRAMMING

Python • JavaScript • SQL • C++ • Java

BACKEND & WEB

Django • Flask • FastAPI • HTML5 • CSS3

INFRASTRUCTURE

Docker • Docker Compose • Redis • Linux

SECURITY TOOLS

Ghidra • JADX • Slither

DATABASES

SQL Server • SQLite

Certifications

IBM SkillsBuild

2026

9 verified professional certifications covering Data Science, Python, Data Analysis, Data Visualization, Data Literacy and AI foundations.

English Certificate

C1 Level

Verified C1 English proficiency certificate.

Languages

Spanish (Native)
English (C1 Professional)

Professional Summary

Software Engineering student at Universidad Finis Terrae focused on backend development, cybersecurity automation and artificial intelligence. Builds and deploys practical systems with Python, Django, Flask, FastAPI, Docker and Redis, including a 12-service security research ecosystem running continuously on a Linux VPS.

Technical Projects

Phantom Ecosystem

2026 – Present

Designed and deployed an autonomous security research ecosystem of 12 containerized services spanning web, source-code, binary, mobile, Web3, CI/CD, DNS and correlation workflows. Runs continuously on a Contabo Ubuntu VPS with Docker Compose, Redis Pub/Sub and FastAPI. Operational code remains private; public architecture documentation is available on GitHub.

Tech: Python • Docker • Docker Compose • Redis • FastAPI • aiohttp • Ghidra • JADX • Slither

bachkatov.dev

2026 – Present

Designed and developed a personal portfolio with Django using a modular architecture, reusable components, responsive design and production-oriented configuration to present software engineering and cybersecurity projects.

Tech: Python • Django • HTML • CSS • JavaScript

Finis Trabaja

2026

Developed a university recruitment platform with separate student and company portals, job postings, application management, student profiles and SQL Server integration.

Tech: Python • Flask • SQL Server • HTML • CSS • JavaScript

Orbital Trajectory Simulator

2026

Modelled and visualized vector trajectories for a planetary-defense scenario, applying vector parametrization, line integrals and Frenet-Serret analysis.

Tech: MATLAB • GeoGebra • Blender • Vector Calculus

Research Interests

- Security Automation
- Reverse Engineering
- Distributed Systems
- Artificial Intelligence