

# Scarlet Tobar Núñez

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Computer Engineer - Universidad Católica del Norte

A responsible, assertive and persistent person. I have experience with GNU/Linux system administration, Fediverse, Python, Java, JavaScript, Office, Power BI, database connections, Git, L<sup>A</sup>T<sub>E</sub>X and Scheme.

## Professional experience

**Web Data migration and full-stack development**, *Universidad Católica del Norte*, Chile. 2025/09 - 2025/12

- Full-stack new features and data migration for Totoralillo, EIC' web service.
- JavaScript, NodeJS, MongoDB, React.

**Reinforcement Classes**, *Universidad Católica del Norte*. 2024/10 - 2025/08

- Classes made to support students who have failed multiple times a subject and are trying to improve.
- Subjects: Programming and Object Oriented Programming
- Python, Java.

**Planification of ISO/IEC 27001**, *Austranet*, Santiago, Chile. 2023/08 - 2023/12

- Successful planification of a framework to start an ISO/IEC 27001 certification project inside the company, for Austranet-GRC.
- Management and creation of documentation for ISO/IEC 27001 standard.
- Planification on Gantt Chart, for its posterior implementation.

**Internship (Data Analysis)**, *Falabella S.A.*, Chile. 2022/01 - 2022/03

- Successful optimization of data extracting processes. Elimination of unnecessary steps, improving data connections to sources from Power BI.
- Data extraction from different sources and databases.
- Data analysis using Power BI.

**Teacher Assistant**, *Universidad Católica del Norte*. 2021/08 - 2023/07

- Lectures for students about Programming Languages.
- Help for the titular professor.
- This course covers the elements of Programming Languages, Scheme and interpreters using PLAI.

## Studies

**Computer Engineering**, *Universidad Católica del Norte*, Chile. 2018 - 2023

With honors

**SENCE Course - Instalador de Gas Clase 3**, *CEGECAP*, Chile. 2025

Certificated

**English**: C2 (<https://cert.efset.org/es/pb9jgQ>) **Spanish**: Native

## Project

**Chilemasto**, *Personal Project*, Chile. 2019/09 - Present

- Oldest active fediverse instances in Chile.
- System administration and moderation of fediverse social media. First chilean fediverse still online.
- Mastodon, Friendica.
- Requires: Databases, web servers, packages and services management.