

Ezequiel Lizandro Dzioba

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Skills

Programming Languages: C, Python, Java, JavaScript, Haskell

Frontend: HTML, CSS, Nuxt, Vue.js

Backend: FastAPI, Flask, Django, Node.js

Tools: Git, Doxygen, \LaTeX

DevOps: Docker, GitHub Actions

Databases: PostgreSQL, MongoDB

Languages: Spanish (Native), English

Education

National University of Salta – Bachelor of Science in Systems Analysis	Expected 2026
Argentina Programa 4.0 – Front End Web Development	October 2023
Codo a Codo 4.0 – Full Stack Web Development	July 2022
Asociación Gremial de Computación – Python Programming	May 2022

Experience

Intern, National University of Salta – Salta, Argentina April 2025 – Present

- Contributed to the development lifecycle of institutional web applications (PHP with Laravel, WordPress, Docker), covering coding, code reviews (GitLab MRs), and deployment
- Spearheaded the creation and administered the team's technical documentation platform on Confluence, centralizing knowledge and improving accessibility to procedures
- Provided technical support for the Rector's Office virtual meetings and broadcasts (ZOOM) and performed operating system diagnostics
- Evaluated AI solutions (local models, RAG) and developed Python prototypes integrating their APIs

Projects

Aleph – High-level interpreted programming language github.com/CrysoK/Aleph

- Developed the interpreter in C using Flex and Bison
- Created end-user documentation (installation guides, syntax) and internal documentation
- Implemented an automated testing system integrated with GitHub Actions
- Used Doxygen to generate HTML documentation, integrated with GitHub Actions

ExaBOT – General-purpose Discord bot with student utilities github.com/CrysoK/ExaBOT

- Developed a Python bot (Pycord) utilizing a MongoDB database
- Configured and maintained the hosting server, ensuring bot availability and performance
- Integrated external APIs to expand functionalities, including YouTube video summaries via LLMs
- Administered the cloud-hosted MongoDB database, optimizing queries and managing data persistence