Francisco González Urriola

fgonzalezurriola@email.com • +56956150272 • in ⓖ • https://users.dcc.uchile.cl/~fragonza/

Computer Science Engineering student at the University of Chile with solid knowledge in web development, specialized in React and Python. Hands-on experience in web application development and database management through various projects. Currently seeking a Professional Internship I (180-360 hours) to apply my software development skills.

Part of my progress includes advancing in Software Engineering and Web Application Development courses to gain knowledge and tools that enable me to apply my skills to real-world projects.

Skills and Knowledge

Front-end Development: React, TypeScript, JavaScript, Tailwind, HTML, CSS

Back-end Development: Python Django, Flask, FastAPI, Node.js, Express

Databases: PostgreSQL, MySQL, SQLite

Others: Git, Axios, Pandas, NumPy, Figma, Excel

Languages: Native Spanish, English (B2, TOEFL in progress)

Education

University of Chile   SANTIAGO, CHILE

Computer Science Engineering Student

Related courses: Software Engineering, Web Application Development, Databases

Projects

- **Gym Data Project** [Demo]   **Tech:** Python, FastAPI, Pandas, PostgreSQL, React, Vercel, Render
  Full-stack data analysis platform for gyms. Developed a REST API with FastAPI and PostgreSQL to process user metrics and check-ins. Implemented an interactive dashboard in React with real-time data visualizations. Currently, the frontend is hosted on Vercel, while the database and backend are deployed on Render; it takes a minute to respond due to its free tier.

- **DCCPlaces**   **Tech:** Python, Django, Tailwind CSS
  Team development of a web application for space reservations within the Computer Science Department using Django. I contributed primarily to the Backend functionality of room reservations and button functionalities and routes of the web application. Currently, the code is private.

- **FCFM Curriculum Map** [Demo]   **Tech:** React, TypeScript, Tailwind CSS, Python
  Interactive visualizer of university curriculum maps with a prerequisite system. Frontend built with React/TypeScript and data extraction automated with Python. Deployed on Vercel.

- **Chilean Birds** [Demo]   **Tech:** React, TypeScript, Tailwind CSS, Express, Node.js
  Full-stack web application to explore and search for Chilean birds. Developed a responsive interface with React and TypeScript, implementing a search system by names in multiple languages. Integrated with an external API using Axios and Express, styled with Tailwind CSS. Deployed on Vercel with automated CI/CD.