

Clemente Sepúlveda

Software Engineer

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📍 Santiago, Chile

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EDUCATION

Bachelor of Science in Engineering
Pontificia Universidad Católica de Chile
03/2018 - 07/2023

Professional Title in Computer Science
Pontificia Universidad Católica de Chile
03/2018 - 07/2024

PERSONAL PROJECTS

Air Watch

- <https://air-watch.vercel.app/>
- Website for viewing (mockup) airline data
- Made with Svelte for frontend and FastApi for backend. Deployed on Vercel and Render respectively

Rotter y Krauss Price Tracker

- Price tracker for glasses sold by Rotter y Krauss
- Developed with HTML/JavaScript/Echarts
- Using GitHub Pages and GitHub Actions

Game Development

- <https://clementesepulveda.itch.io/>
- A collection of games I have developed using the Unity Game Engine and C#

Advanced Web Applications

- <https://github.com/IIC3585-2023/repositories?q=grupo-11>
- Collection of small projects, each one learning a different software technique
- Projects use Svelte, Vue, PWA, web components, WASM, Reactive Javascript and Functional Javascript

<https://www.clementesepulveda.cl/projects>

- More projects can be seen on my personal website

WORK EXPERIENCE

Software/Data engineer
Yachay Consulting

07/2023 - 07/2024

Achievements/Tasks

- Responsible for designing and implementing data visualizations for clients using Echarts
- Working on preexisting PHP Laravel Nova project, integrating visualizations
- Creating an installation guide for step-by-steps direction on how to get the application up and running
- Compared different web frameworks and visualization technologies for future use
- Set up GitHub Actions workflow for retrieving, processing and calculating data from temperature/humidity sensors
- Developed full-stack website using Svelte for managing Power BI visualization embeddings and user management, hosted on Vercel

SKILLS

HTML

CSS

GitHub

PostgreSQL

NodeJS

Svelte

JavaScript

Python

Pandas

React

Jupyter Notebook

Vue

Laravel Nova

AWS

EC2

Bucket S3

FastApi

Echarts

Vercel

Firebase

Unity

C#

C

Ruby

RoR

Linux CMD

Funny

Microsoft Graph API

ACADEMIC EXPERIENCE

Teaching Assistant Coordinator, Introduction to Programming
(02/2023 - 12/2023)

Write test cases for tests and exams. Coordinate with team for the creation of a compilation of previous test questions. Coordinate extra lessons for students.

Teaching Assistant Subcoordinator, Introduction to Programming
(08/2022 - 02/2023)

Assist with test cases for test and exams. Keep up with helpers and their respective tasks.

Teaching Assistant, Introduction to Programming
(03/2023 - 07/2022)

Give expository lectures, guiding students in a programming question. Revise a compilation of exercises. Solve and give feedback on homeworks.

Lab Assistant, Introduction to Programming (08/2020 - 01/2022)

Assists students with their code, explaining how they can improve on it. Solve and give feedback on weekly exercises. Solve and give feedback on homeworks.

LANGUAGES

English, Cambridge C1
Full Professional Proficiency

Spanish
Native or Bilingual Proficiency