Clemente Sepúlveda

Software Engineer

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clementesepulveda.cl

github.com/clementesepulveda



Santiago, Chile

in li

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EDUCATION

Bachelor of Science in EngineeringPontificia Universidad Católica de Chile

03/2018 - 07/2023

Professional Title in Computer SciencePontificia 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 Aplications

- https://github.com/orgs/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

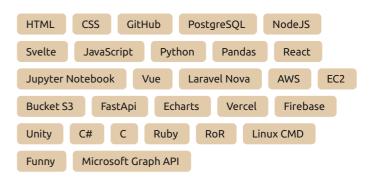
Yachay Consulting

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



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 ompilation of exercises. Solve and give feedback on homeworks.

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

Assits students with their code, expplaining 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