Héctor Germán Vera Martínez
Mobile: (56) 9 98854497 • hvera.informatico@gmail.com
• LinkedIn:
https://www.linkedin.com/in/hector-vera-martinez-501746260/
• GitHub (projects created):
https://github.com/hveramtz-TI
• Web Portfolio:
https://hveramtz.dev/

WORK EXPERIENCE

- Professional Internship [January/24 - February/24] (320 hours)
  - Viña del Mar Fire Department:
    - At the CBVM, I was responsible for performing technical services to the teams, developing a web application associated with a technical support ticketing system for the IT department, and creating an RPA (robotic process automation) for the issuance of certificates for the February 2024 incident, which increased productivity and expedited the issuance of such certificates.
- Full Stack Developer (Project Title: Easy Economy) [August 2024 – December 2024]
  - I developed an educational web and mobile application to reinforce economics concepts, aimed at computer science students.
  - Responsibilities and Achievements:
    - Frontend: I designed an interactive interface with React.js and Bootstrap, optimized for mobile and desktop. I used Axios for backend queries and hosted the frontend on Firebase Hosting.
    - Backend: I created a REST API with Node.js and Express, implementing a clean architecture. I used Sequelize to manage the database and deployed the backend in Fly.io.
    - Database: Designed and managed a PostgreSQL database hosted on Neon.tech, optimizing queries and ensuring integrity.
  - Key Features:
    - I implemented gamification with levels, rewards, and dynamic quizzes.
    - I designed interactive economic calculators to solve problems in real time.
    - I incorporated formative and summative assessments to measure user progress.

EDUCATION

- **Secondary Education**, 2020, Boston School, Villa Alemana.
- **Computer Execution Engineering**, 2024, Pontificia Universidad Católica de Valparaíso, Valparaíso.

ADDITIONAL INFORMATION

- Languages: Native Spanish, English level B2.
- Approved and Certified Courses
  - Udemy:
    - Complete Excel Course – From Beginner to Advanced.
    - Excel and Power BI – Data Analysis and Visualization Course.
    - Communication skills: Improve your communication.
    - Networks from Scratch: Complete Course.
    - Complete Excel – from beginner to advanced.
    - RPA – Master's Degree in Process Automation with UiPath [2024].
  - CCNA: Introduction to Networks, issued by Cisco.

CROSS-CUTTING KNOWLEDGE

I have communication skills to be able to relate to people, thus increasing the relationship, communication and productivity. At the same time, be self-taught for the problems of knowing new technologies or technological tools necessary for the development of a project with the use of time self-management and responsibility when it comes to deadlines in adverse situations through agile methodology.

SKILLS

Programming Languages: JAVA, C, Python, JavaScript, Kotlin.
Frontend and Backend Domino (Fullstack, token, encryption).
Frameworks: React.js, Express, Bootstrap.
Object-oriented programming, data structuring, documentation and modeling of software systems.
Proficiency in Excel and POWER BI.
Fundamentals of Networks (IP, IPV4, MAC address, OSI and TCP/IP).
Database (MySQL, PostgreSQL, XAMPP, PhpMySql).
Agile Methodology, Jira, Scrum, Kanban.
Basic Hardware Knowledge.