Cespedes Tenorio LEONARDO

Computer Engineer | Cybersecurity | DevOps

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Ambitious third-year computer engineering student at the Technological Institute of Costa Rica, expected to graduate in 2025. Actively pursuing cybersecurity through coursework, Capture The Flag (CTF) challenges and hands-on projects. Passionate about the intersection of **cybersecurity and DevOps**, seeking internships to apply my skills in real-world environments. Strong **problem-solving abilities**, **fast learner** and **dedicated** to contributing to secure and efficient IT operations.

🎓 EDUCATION

Feb 2020
Feb 2022

Highschool Diploma
📍 Alajuela, Costa Rica
Scientific Highschool of Alajuela
> Graduation date : Dec 2021.
> Relevant courses : Calculus, physics, chemistry, basic programming, robotics

Current
Feb 2022

Bachelor of Engineering in Computational Engineering
📍 Cartago, Costa Rica
Technological Institute of Costa Rica
> Anticipated graduation : Dec 2025.
> Relevant courses : Object Oriented Programming, Data Structures, Databases

💼 WORK EXPERIENCE

Aug 2022
Dec 2022

Computer Research assistant
📍 Cartago, Costa Rica
Computing Research Center, ITCR
Relevant responsibilities :
> Technical and user documentation for web application.
> Team coordination for code analysis and documentation.

User documentation | Technical documentation | Web Development Basics | Time Management | Teamwork | Team Management

Jul 2024
Dec 2024

Course Assistant : Project Management
📍 Cartago, Costa Rica
Technological Institute of Costa Rica
Relevant responsibilities :
> Review of the evaluations carried out by the teacher throughout the semester.
> Publication of grades and attention to students in case of doubts or complaints.

Communication | Effective Communication | Problem solving | Willingness to change | Time management

Sep 2024
Current

Computer Research assistant
📍 Cartago, Costa Rica
Computing Research Center, ITCR
Relevant responsibilities :
> Coordinate data standarization across team members.
> Process and analyze student data to get information related to computational learning.
> Use Python to analyze multiple metrics related to computational learning as well as report generation.
> Create user documentation and manuals for Python-based tools.

Python | Databases | Documentation | Problem Solving | Project Management | Team Work | Version Control | Data Analysis

🖥 PROJECTS

DEVWEBCAMP   OCTOBER 2023 - JANUARY 2024
○ LeonardoC1302/DevWebCamp
Developed full stack conference site enabling user registration for development camps. Implemented PayPal payment system for paid virtual and in-person passes. Built admin dashboard to manage conferences, workshops, speakers, users and gifts. Constructed site with PHP, MySQL, HTML, SAAS, JavaScript using MVC architecture for responsive mobile-friendly UI.

PHP JavaScript SCSS HTML Gulp MySQL Webpack PayPal API Charts.js

ADVENTURE APP   SEPTEMBER 2023 - SEPTEMBER 2023
○ LeonardoC1302/AdventureApp
Developed trip planning web app enabling Costa Rica travel reservations and activity selection. Created admin dashboard to manage bookings and offerings. Implemented user authentication system with forgot password functionality. Integrated external API via PHP, CSS, JavaScript, and Fetch leveraging JSON data exchange.

PHP JavaScript SCSS HTML Gulp MySQL Mailtrap

REAL STATE   MAY 2023 - SEPTEMBER 2023
○ LeonardoC1302/Real-State-MVC
Developed full-stack property listing web application with blog capabilities and admin content management system. Constructed with HTML, CSS, JavaScript, PHP, MySQL leveraging OOP and MVC architecture for optimized code organization and reusability.

PHP JavaScript SCSS HTML Gulp MySQL Composer

HTTP SERVER   SEPTEMBER 2024 - OCTOBER 2024
○ LeonardoC1302/HTTP-Server
Developed a multi-threaded HTTP server supporting core HTTP methods with cookies management. Implemented using Rust, with concurrency handled through threads to ensure efficient handling of multiple client requests. Designed to avoid deadlocks and data collisions using synchronization techniques. Server functionality was tested extensively with Postman and Rust unit tests. Documented with user instructions and unit tests for code reliability.

Rust Concurrency HTTP Cookies Postman Unit Testing

🎓 CERTIFICATIONS

2023	Desarrollo Web Completo con HTML5, CSS3, JS AJAX PHP y MySQL (Udemy)
2023	Game Development/Art - Create a 2D Action Game with Unity/C# (Udemy)
2024	Certificate of Participation in 360° Experience : Soft Skills (In-person activity at the Technological Institute of Costa Rica)
2024	Curso completo de Hacking Ético y Ciberseguridad (Udemy)
2024	Introduction to DevOps (GreatLearning)

💡 HOBBIES

- Going to the gym
- Coding and learning new things
- Playing videogames with friends
- Hanging out with family or friends
- Watching anime and TV Series

🈳 LANGUAGES

English Professional proficiency.
Spanish Native proficiency.

⚙ TECHNICAL SKILLS

Programming   Python, Java, C/C++, JavaScript, PHP, C#, SQL, HTML, CSS
Databases   MySQL, PostgreSQL, SQL Server, MongoDB, Neo4j
WebDevelopment MVC Architecture, Responsive Web Design, Fetch API, SASS
Miscellaneous   Visual Studio Code, Markdown, Git/Github, Problem Solving, Data Structures, Object Oriented Programming, Leadership, Team Work, Critical Thinking