

JOSÉ JULIÁN CAMACHO HERNÁNDEZ

COMPUTER ENGINEER 📞 +506 8455 5052

◦ DETAILS ◦

+506 8455 5052
camachohjosejulian@gmail.com

◦ LINKS ◦

[LinkedIn](#)
[Portfolio](#)

◦ SKILLS ◦

Computer Engineering
Software Development
Agile Methodologies

Linux | Ubuntu

Python | Bash

Perl | Java | C++ | C

SQL

Git | Version Control

Verdi

RTL Debugging

Cloud Computing

Web Development

Communication Skills

Adaptability

Fast Learner

Ability to Work in a Team

Leadership Skills

Initiative and Problem-solving
Abilities

◦ LANGUAGES ◦

English | Highly proficient

Spanish | Native speaker

◦ HOBBIES ◦

Reading, hiking, working out,
volleyball, video gaming

👤 PROFILE

As a Computer Engineer from Costa Rica Institute of Technology (TEC), I have actively contributed to projects involving cutting-edge technologies, automation, and functional verification. Passionate about problem-solving and software development, I am eager to apply my skills and drive innovation as part of a high-performing team.

📁 EMPLOYMENT HISTORY

Functional Verification Student Worker at Intel Corporation Costa Rica, Heredia

April 2024 — Present

- Executed and reviewed functional tests for server processor products, ensuring high-quality verification standards and identifying potential design issues.
- Developed a tool using Python, optimizing the pre-silicon validation setup process and reducing execution time by 99%, improving efficiency in functional verification.
- Managed and updated test libraries using Git, ensuring version control and smooth collaboration across multiple teams.
- Created and maintained comprehensive test documentation for 30 engineers across different teams, improving traceability and facilitating knowledge transfer.
- Implemented automation scripts, achieving a 97% reduction in execution time, accelerating validation workflows and reducing manual effort.
- Provided oral reports following Scrum methodologies, ensuring effective communication, synchronization, and alignment with team goals three times per week.

Digital Design Laboratory Assistant at Computer Engineering Area at Costa Rica Institute of Technology, Cartago

February 2023 — July 2023

- Conducted a timely review and assessment of short tests and student assignments for the course, ensuring correctness and providing constructive feedback to enhance overall learning outcomes.
- Aided the professor in preparing instructional materials contributing to the effective delivery of course content.
- Supported a group of 30 students in grasping course topics, fostering a conducive learning environment.

🎓 EDUCATION

Licentiate Degree in Computer Engineering with Honors, Costa Rica Institute of Technology (TEC), Cartago

February 2019 — November 2024

High School Diploma with Honors, Claretiano High School, Heredia

February 2014 — December 2018

⚙️ COURSES

Software Specification and Design, TEC
Project Formulation and Management, TEC
Advanced Databases, TEC
Pattern Recognition, TEC
Algorithms and Data Structures, TEC