

# Alberto Leyva Guerra

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## EXPERIENCE

### Software Developer and Infrastructure Engineer

Jan. 2023 – Feb. 2024

*XETID*

*Santa Clara, Cuba*

- Back-end developer in Ticket's website
- Built Ticket's Advertisement Recommendation System using SQL and Python
- Migrated website's main logic to Fiber.
- Maintained and optimized Postgres database, adding tables restrictions to ensure database consistency and indexes to reduce responses times
- Built Grafana dashboards and configured an Uptime Kuma server, improving bussiness and services monitoring
- Maintained and optimized NGINX configurations, reducing page loads time by a 260%
- Built and maintained CI/CD pipelines using Docker and GitLab

### Software Developer

Aug. 2022 – Jan. 2023

*DClick Soluciones*

*Havana, Cuba*

- Maintained DClick's website back-end, built in Django
- Development of infrastructure control software for client companies such as Cuba Hidráulica and DIVEP using Odoo.
- Managed Proxmox's virtual machines and Postgres for client companies
- Increased deployment frequency with CI/CD pipelines using Gitlab and Docker

### Competitive Programmer

2018 – Present

*Achievements:*

- Honourable Mention at the International Olympiad in Informatics (IOI 2022).
- Gold, Silver and Bronze medal at the Ibero-American Competition in Informatics(CIIC) 2021, 2022 and 2020 respectively.
- Candidate Master at codeforces.
- Member of the Cuban Team for the International Olympiad in Informatics in 2020, 2021 and 2022

## EDUCATION

### High School Degree

Sep. 2019 - Jun. 2022

*IPVCE Ernesto Guevara*

*Santa Clara, Cuba*

## TECHNICAL SKILLS

**Languages:** C++, Rust, Go, Python, SQL, C#, Java

**Libraries:** Numpy, Pandas, Matplotlib, Scikit-Learn

**Frameworks:** Django, Fiber, Falcon, Odoo, Unity

**Technologies:** Git, Docker, Gitlab, GNU/Linux, Proxmox, NGINX, Grafana, Postgres, Redis

## LANGUAGES

**Spanish**(Native)

**English**(Proficient)