

Darián López Utra *September 15, 1995*

daroxs95@gmail.com • +535 837-5347 • 202 Concordia • Centro Habana • Havana • Cuba

Summary

A mathematician and seasoned software/web developer with extensive hands-on experience in programming and software development lifecycle.

Strong problem solving, technical and analytical skills coupled with innovative mindset. Commitment to cooperative teamwork and developing high quality

software meeting requirements. Avid of studying and personal growth. Self-motivated, takes the initiative to work independently, demonstrating lateral thinking and being detail-oriented. Excellent communication skills, both written and verbal with the ability to communicate complex technical concepts to any audience. Long time reliability.

Experience

Tetraimpacts

HAVANA, CUBA

Technical Leader

Feb '22 – Today

- Leading the technical direction of a NextJS and a custom react component library projects, including the architecture, design, and implementation. (Next.js, Storybook, styled-components, SSR)
- Mentoring and guiding a team of developers, providing technical guidance and support as needed.
- Working closely with project stakeholders to understand and prioritize business requirements.
- Collaborating with the development team to ensure the project is delivered on time and to a high standard of quality.
- Continuously improving the development process and practices, including implementing best practices for code review, testing, and deployment.(jest, Github actions CI/CD, Vercel)
- Keeping up to date with the latest trends and technologies in the NextJS ecosystem and incorporating them into the project as appropriate.

Crinnotech

HAVANA, CUBA

Frontend Developer

Mar '22 – Mar '23

- Maintenance and development on a large codebase of a B2B application. (Next.js, Bootstrap)
- Implementation of dashboard and management views for an affiliate system. (Next.js, Tailwind.css)
- Achievement of short deadlines without sacrificing code optimization, cohesion or requirements.
- Blend between SSR(server side rendering) and CSR(client side rendering), for leveraging SPAs coding benefits and SEO optimizations.
- Extensive REST api integration.
- SCRUM methodology.

Sibucan - Part-time

HAVANA, CUBA

React Native Developer

Jun '22 – Sep '22

- Development of notification system and multiple features for a rapid growth user-to-business app
- Improvements in build configurations and environments
- Agile development in a multifunctional and tightly integrated team

Private

HAVANA, CUBA

C++ Developer

Jan '21 – Jan '22

- Successfully started life cycle of a medical app tool competing with international alternatives and unique in national market.
- Designed and implemented from the ground up a Windows/Linux GUI application for commissioning of radio therapy treatments.
- Extensive use of Qt5, Cmake, OO Design, and SQLite by ODB(C++ Object-Relational Mapping system).
- Implementation of a CLI integrity checker for malformed machine or human generated data.
- Requirements understanding, design and development of new features like IPC technics(shared memory) and introduction of JSON(jsoncpp).
- Lead developer in a small team of young developers and professionals.

KmadaChess

MANAGUA, NICARAGUA

Frontend Developer

Jul '20 – Jan '2021

- Developed a dashboard and a content management system to increase accessibility to blog and article posting in the platform.

- Implemented multiple dynamic and browser compatible pages using HTML5, CSS, JS, TS(React, Redux, Apollo).
- Tightly integration with RESTfull APIs.
- SCRUM development in a closely integrated team.

Private and Undergraduate Projects

HAVANA, CUBA

C++ Developer

Feb '20 – Jan '21

- Development of a front end for testing a cryptographic library.
- Leverage of high performance and concurrent tasks for simulations and analysis of cryptographic algorithms.
- Quick prototyping with the use of custom cmake dependency manager library and immediate mode gui(DearImGui).
- Extensive use of modern C++(14/17), STL, Templating and Unit testing.
- Debugging, tracing and log analysis.
- Compiler independent code.
- Github CI/CD.
- Designed and implemented extension and scripting(Lua) integration using Sol2.

Please refer to my [Linkedin profile](#) for the complete list of work experiences along with recommendations.

Education

The University of Havana

HAVANA, CUBA

Bachelor degree in Mathematics

2014 – 2021

Final Work: "Cryptanalysis of key scheduling algorithm(KSA) in RC4".

Scholarships and Certificates

EF SET English Certificate 87/100 (C2 Proficient).

Nov 2021

Winter Course: Regression Models in Survival Analysis.

Nov 2018

Skills

Software design and implementation, Rapid learner, Problem solving skills, Active listening, Outside the box thinking, High adaptability, Interpersonal skills, Self-management, High level of work ethic, Teamwork, Quick decision making, Versatile, Creativity, Drive to succeed.

Technical specialties:

Basic Knowledge: Linux, Windows, Office Suite

Intermediate Knowledge: C, C++ STL, Qt5, Python, Javascript, Microsoft Excel, Typescript, Node.js, Next.js, Tailwind.css, Sass

Advanced Knowledge: C++11/14, Cmake, L^AT_EX, Git, HTML, CSS, React.js

Languages: Spanish (*mother tongue*), English (*full professional proficiency*).

Interests

Technology, Open-Source, Programming, Cryptography, Cyphers, Applied Mathematics, Videogames, Travelling, Data Science, Statistics, Music, Playing the guitar, Jogging