Frank Rodríguez Siret

Curriculum Vitae

First Name: Frank

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Stackoverfow: https://stackoverflow.com/users/11278974/franksiret

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PROFILE

Full Stack Developer and Bachelor's degree in Computer Science. I am an enthusiastic developer who is always ready and willing to learn new technologies. I have good math and algorithmics skills obtained by participating in the International Collegiate Programming Contest (ICPC) at the Caribbean Finals, my team qualified four times for these finals (i.e., in 2014 40th place, in 2015 20th place, in 2017 14th place and 2018 13th place on the Caribbean Ranking, I also won the 1st place in the ICPChallenger Virtual Challenger Tournament).

I have a good background in programming languages such as C++, Java, and JavaScript as well as HTML and CSS. Good understanding of SQL and NoSQL Database Design. And a good approach to Object-oriented programming and Design Patterns.

Last but not least, I have a good ability to debug both my codes and those of others, and I easily adapt to the daily life of teamwork by following the workflow set by the team using Git version control software and CI/CD software development tool.

Among the best technologies that I love to work with are React JS and Spring Boot.

Education:

Bachelor's degree in Computer Science

Sep 2014 - Jun 2019 | Universidad de Oriente

- GPA 4.92, 5-points scale.
- Graduated with Gold Title and Scientific Merit Award.
- One of the top students from the 2019 class.
- Several scientific events related to Computer Science.
- Participated in the ICPC Competitive Programming achieving success at the Caribbean Finals.
- Degree Thesis "Query Language Extension in PACS Systems" in the field of Information Retrieval.

Graduated Courses:

- Mathematical foundations of computing. Universidad de Oriente, Jan 2020.
- Theory and practice of programming languages. Universidad de Oriente, Mar 2020.
- Computer networks. Universidad de Oriente, Oct 2020.
- Digital image processing. Universidad de Oriente, Jan 2021.

Professional Experience:

Full Stack Developer at Peoplewalking

Mar 2021 - Present | Peoplewalking

- Designed and developed UI/UX application.
- Developed API Backend application using Spring Boot framework.
- Automate software development, such as build, test, and deployment, following CI/CD guidelines using Jenkins.
- Support junior developer boot camps on React JS and helped improve their knowledge in the library.
- Developed reusable components following React's concepts.
- Daily work progress reports following the workflow set by the team using Beanstalk source version control software and Jira software development Tool.

Technologies used

React JS, Typescript, Bootstrap 4, Ant Design, Spring Boot, PostgreSQL

ICPC Executive Director

Nov 2021 - Mar 2022 | Universidad de Oriente

- Led teams during the preparation of the ICPC contests.

ICPC Assistant Director

Sep 2019 - Nov 2021 | Universidad de Oriente

- Led teams during the preparation of the ICPC contests.

Computer Science Professor

Sep 2019 - Mar 2022 | Universidad de Oriente

- Teaches classes of Logic Math and Data Structures and Algorithms.
- Won the annual CITMA Award for Young Researchers in 2019.

Freelance Full Stack Developer

Oct 2020 - Mar 2021 | Freelance

- Designed and developed websites for small business.
- Guided digital marketing strategy for positioning the business on the web.
- Worked in a team of two members using agile methodologies (XP).

Technologies used

React JS, Bootstrap 4, API Platform, Swagger, MySQL

C++ Developer

Sep 2017 - Jun 2021 | Centro de Biofísica Médica

- Contributed to the design and development of the medical imaging software Imagis.
- Support junior developer on C++ and helped improve their knowledge in the language.
- Worked in more than 10 features such as design, report management, transmission, visualization, and image segmentation.

Technologies used

C++, Java, VTK, ITK, DCMTK, Qt Framework, Lucene, Information Retrieval

Core Professional Competencies:

- Advanced knowledge in programming languages (C / C++, Java, JavaScript).
- Object-oriented programming.
- Design patterns.
- Advanced data structures and algorithms.
- React JS.
- TypeScript.
- Spring Boot.
- Database design (MongoDB, PostgreSql, MySQL).
- Web developer.
- Node JS.
- HTML / CSS.
- SCSS.
- Bootstrap 4.
- Tailwind CSS.
- API REST.
- Git version control software.
- UI / UX.
- CI / CD
- Jira
- Jenkins
- Software architectures (Scrum, RUP).
- Operating systems (Windows, Linux).
- Qt 5, Qt 6 desktop application developer (QWidget, QtQuick, QML).
- Python.
- Adobe Photoshop.
- Microsoft Office.

- LaTex

Certificates:

Problem Solving Certificate
Nov 2020 | HackerRank

React Certificate
Dec 2020 | HackerRank

JavaScript Certificate
Apr 2022 | HackerRank

Languages:

- Spanish (Native or bilingual proficiency)
- English (Intermediate, Professional working proficiency)

Interests:

- Music
- Cofee
- Travel
- Read
- Rubik's Cube