YURIXANDER **RICARDO**

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EDUCATION

JANUARY 2022 — EST. AUGUST 2023
BACHELOR'S DEGREE (COMPUTER SCIENCE), FLORIDA ATLANTIC UNIVERSITY

Enrolled as a Junior with a **4.0/4.0 GPA**, part of the **President's List**, **Dean's List**, and Google Student Developer Club. Relevant coursework includes **Data Structures & Algorithms**, Foundations of Computer Science (C++), Functional Programming with Scala, and Full-Stack web development.

SEPTEMBER 2017 — MAY 2020
ASSOCIATE IN ARTS, PALM BEACH STATE COLLEGE

Graduated with a **cumulative 3.873/4.0 GPA**. Member of the **Dr. Floyd F. Koch Honors College**, and Coding with the Doctors. Created an Arduino-based emotely-controlled smart robot car, with C++.

EXPERIENCE

SEPTEMBER 2022 — PRESENT (2 MONTHS)
CAPTAIN SOFTWARE ENGINEER (VOLUNTEER), LATIN AMERICAN AND CARIBBEAN
CONSORTIUM OF ENGINEERING INSTITUTIONS (LACCEI, NON-PROFIT), BOCA RATON, FL

- Developing a registration system to be used in conferences with *500+* attendees, using PHP & JS.
- Captain of a team consisting of 8 software engineering student volunteers.
- Responsible for overseeing development progress of students, and providing guidance.

APRIL 2019 — MARCH 2020 (1 YEAR)
FULL-STACK WEB DEVELOPER, DIGITAL RESOURCE, WEST PALM BEACH, FL

- Employed proven SEO strategies such as audits, keyword & image optimization, and semantic collection to increase traffic and lead conversion rate by more than 34%.
- Addressed 15+ SQL-injection vulnerabilities, securing codebases and preventing potentially catastrophic cyberattacks.
- Communicated directly with over 30 clients to design and implement *entire* websites from scratch, as well as successfully completing *2,000+* design and functionality revisions.

MARCH 2019 (1 MONTH)
WEB TEAM INTERN, DIGITAL RESOURCE, WEST PALM BEACH, FL

- Maintained SQL-like and Non-SQL (MongoDB) databases, implementing usage of transactions and optimizing redundant queries or using efficient alternatives to significantly increase performance, in some cases, by 2-3x.
- Implemented an local provider matching system to facilitate the process of connecting website visitors with their local representatives, using JavaScript and Google Maps API.

SKILLS

- C++, Rust, OCaml. *Familiarity with advanced C++ features including Lambdas, Concepts, and newer C++17 & C++20 standards.*
- Full-stack web development: JavaScript/Node.js, TypeScript, React.js, and PHP.
- Test-driven development (TDD) and various testing methods, such as unit and end-to-end (E2E) tests.
- Understanding of version control systems and platforms, including **Git** and GitHub.

FEATURED PROJECT

Compiler written in Rust: Individually designed & developed a fully-featured compiler with cutting-edge technologies including Hindley-Milner's Algorithm-J type-inference, row polymorphism, algebraic effect system, and more. Implemented a custom parser to parse and transform input code as needed.