# Kian Rodrigo Silva

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## OBJECTIVE:

Seeking a software engineering internship to apply and enhance technical skills, contribute to impactful projects, and gain hands-on experience in a dynamic and innovative organization while learning from experienced professionals.

## EDUCATION:

**Sarah Lawrence College**                                                                                    **Bronxville, NY**

Bachelor of Arts, expected May 2025; Concentration: Computer Science

**Columbia University**                                                                                       **New York, NY**

Bachelor of Science, expected May 2026; Major: Computer Science

## RELEVANT COURSEWORK:

Intro Web Programming, Computer Architecture, Proof and Paradox (Logic), Calculus I & II, Intro Economics, General Chemistry, Calculus Based Mechanical and Electromagnetism Physics, Multivariable Calculus, Data Structures and Algorithms

## SKILLS:

Industry Best Practice, Object-Oriented Programming, Problem-Solving, Data Analysis, Functional Testing, RESTful Services, Postman, Python, JavaScript, HTML, CSS, SQL, UI/UX, AWS, React, Java, C#, React Redux, React Router, Docker, AutoDesk Suites

## RELATED EXPERIENCE:

**Back-end Technology Intern**                                                                                **Remote**

PharmaCCX                                                                                           June 2022 – Feb 2024

- Successfully performed API testing by designing and executing 200+ test cases, ensuring the functionality, data integrity, and error handling of RESTful services.
- Utilized tools such as Postman to streamline and automate the testing process, achieving a 50% decrease in manual testing efforts.
- Detected and reported 50+ defects and issues, using bug-tracking tools and data analysis, resulting in enhanced software reliability.

**Teacher Assistant/Tutor, Introduction to Computer Science**                                                 **Bronxville, NY**

Sarah Lawrence College                                                                              Sept 2023 – Dec 2023

- Developed and adapted teaching styles to establish fundamental computer science principles and problem-solving techniques.
- Provided support to students in introductory computer science courses, quickly finding and teaching an understanding for finding bugs in students' code.

**Computer Science Research Assistant**                                                                       **Bronxville, NY**

Sarah Lawrence College, Professor Siff and Professor Marshall                                        May 2023 – August 2023

- Developed a robust Python library for measuring and benchmarking the efficiency of Python language constructs and algorithms, resulting in a 40% reduction in runtime for critical operations.
- Revamped institution's course catalogue and scheduling using Python and Flask, creating an efficient web app. Enhanced student registration experience, real-time updates, and intuitive search, improving overall user satisfaction and administrative processes.
- Incorporated industry best practices and real-world examples into lab assignments, improving students' understanding of core concepts and practical applications.

## AWARDS AND ACHIEVEMENTS:

Sarah Lawrence Men's Soccer Captain, Student Athlete Advisory Committee Representative, DEI Athletics Representative, PAPA Scholarship Recipient, Sarah Lawrence Institutional Award, 2x Sarah Lawrence Academic Honor Roll, Sarah Lawrence Newcomer of the Year 2022, 3x Skyline Conference Men's Soccer Defensive Player of the Week