Francisco Samuel Rios

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PROFILE

- Eagle Scout of the Boy Scouts of America
- Tenacious Computer Scientist driven to develop innovative solutions
- Enthusiastic and community-minded

EDUCATION

University of Central Florida   Orlando, FL
Bachelor of Science   Expected graduation: May 2016
Major: Computer Science

Relevant Courses:
Honors Technical Presentations   Technical Writing
Calculus I, II, III   Computer Science I, II
Discrete Structures   Computer Logic & Organization

SKILLS

Proficiency using computers for a myriad of tasks
Excellent mathematical skills with meticulous attention to detail
Experience building personal computers, performing maintenance on laptops
Experience servicing server racks and maintaining hardware across a networked campus
Experience troubleshooting and diagnosing hardware issues across a myriad of devices
Experience with co-operative programming work
4+ Years of experience in Java and C
Familiarity with C# and C++

EXPERIENCE

University of Central Florida   Orlando, FL
Teaching Assistant   August 2013 – Present

- Worked in a class of over 300 students
- Proctored in-person exams for students
- Held office hours to give students advice and assistance on current material in the course including ciphers, computer security, cyber-attacks, and programming
- Grading homework assignments, tests, and programs submitted in C, Java, and C++

Lake Highland Preparatory School   Orlando, FL
Security Assistant   May 2011 – Present

- Digitized and distributed locker combinations via a cloud-based solution.
- Over a period of 5 years, this solution will save $25,000 in wages and allow officials on campus to more quickly/efficiently access data they need.
- Future improvements to the project include implementing a system to log data access to increase the integrity of the data.
- Offered support to students and faculty for both technological issues and non-technological issues.
- Updated technical manuals concerning material safety.

Lake Highland Preparatory School   Orlando, FL
Technology Assistant   May 2012 – Present

- Worked hand in hand with the technology department in order to upgrade the campus network from 100 Mbps internet connection to 1Gbps.
- Tested and configured intercom systems throughout the campus using command prompt-based methods in Windows.
- Offered live, in-person support for iPad initiative orientation sessions, including network troubleshooting and troubleshooting problems individual users had.
- Configured and installed computer labs on campus using both Windows and Macintosh operating systems.

EXPERIENCE   **Eccleston Elementary School**   Orlando, FL
                                 Junior Achievement Teacher   August 2012 – December 2012

- Service learning experience teaching kindergarteners the importance of interaction within their community, the use of money, and how they can make their communities a better place.

HONORS, AWARDS, and ACTIVITIES

- Currently learning mobile development for both Windows Phone and Android operating systems.
- Future goals include being able to design a solution for teachers, parents, and students at Lake Highland Preparatory School allowing them to view a live or stored scoreboard for any ongoing or past games played by the school's sports teams.
- Users would be able to select the sport, and from there be able to select which game they wanted to view scores for.

- Member of the UCF Collegiate Cyber Defense Club
- President of a Registered Student Organization
- Dean's List Recipient (May 2013 – Present)
- National Honor Society Member
- Graduated high school with over 200 hours of community service.
- Achieved the rank of Eagle Scout with the Boy Scouts of America