

ROBERTO JÚNIOR

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Objective

I believe that my international background, experience and dedication will add value to your organization. I am excited about learning and growing through this opportunity. My academic studies and commitment will result in a mutually beneficial experience.

Skills and Technologies

Languages

C, Java, PHP, JSP, JavaScript, TypeScript, CSS, HTML

Frameworks & Libraries

Angular2, Symfony, CodeIgniter, Semantic UI, jQuery, WordPress, cURL

Miscellaneous

Clean Code, Solid, Object calisthenics, PSR, Composer, Git

Databases

MySQL, PostgreSQL, SQLite

Development IDEs

Netbeans, PhpStorm, Visual Code

Operating Systems

Windows, Apple OS X, Ubuntu

Work Experience

MID LEVEL WEB DEVELOPER / SCRUM MASTER - Vox Tecnologia - Paraíba, Brazil - Aug 16 - Present

- Developed an online platform used by companies of several states in Brazil to get environmental licenses
- Worked with huge, critical and complex systems that handle the process of opening a business over the internet in 15 states in Brazil. While the old bureaucratic way could take up to 6 months, now opening a business can take up to 12 minutes.
- Designed databases for the platforms and worked with PHP, PostgreSQL, Symfony and Angular2

WEB DEVELOPER - National Education and Research Network - Paraíba, Brazil – Nov 15 - Jan 17

- Designed and developed an online control panel for our security software SeVen that is a defense tool written in C++ for mitigating Application-Layer DDoS attacks
- Developed robots to simulate users navigating on a website in order to test our security software efficiency and efficacy. Each robot receives a task and has to accomplish it successfully while a website's server is being attacked. Robots can give up on the task like normal users would do for many reasons like excessive number of reloads or long responses time
- Designed and developed websites to expose the research results
- Worked with PHP, Sailsjs, Nodejs, Bootstrap and Java

WEB DEVELOPER & RESEARCHER - National Council for Scientific and Technological Development - Brazil - Jan 15 – Feb 16

- Developed an online platform for the data management of molecules of neglected diseases
- Applied a development methodology to the research group that doubled efficiency and productive
- Worked with JavaServer Pages, Bootstrap, Ajax, jQuery, JChem, Marvin JS, SQL and JavaScript
- Attracted the interest of a research group at the University of São Paulo (USP) for whom it was developed a similar platform

WEB DEVELOPER – IBM Big Data University - Toronto, Canada - Aug 14 – Jan 15

- Implemented new features to the website bigdatauniversity.com and developed Wordpress plugins
- Worked with the Open EdX Platform, Django, HTML, CSS, JavaScript, jQuery and Git
- Presented lectures and organized meetups

Education

SPLIT-SITE COMPUTER SCIENCE UNDERGRADUATE PROGRAM - GPA 3.93 - University of Toronto - Canada

- Obtained A+ for a research paper evaluating the Canadian Government Websites' Accessibility

BACHELOR OF COMPUTER SCIENCE WITH HONOURS SUMMA CUM LAUDE - GPA 3.96 - Federal University of Paraíba - Brazil

- Member of the Education Tutorial Program (PET) in which contributed developing websites, teaching programming to high school students and organizing and promoting IT events
- As a teaching assistant taught the programming language C to students

Awards

SUMMA CUM LAUDE (VALEDICTORIAN) - Federal University of Paraíba - 2016

- Award given to the student with the best academic performance
- First in class with the highest GPA
- Delivered the final graduation address

SCIENCE WITHOUT BORDERS SCHOLARSHIP - Brazilian Government - 2013

- Award given to students who never failed any course, has no withdraws, GPA higher than 3.0, is engaged on a research group and on the community, has best grades on the ENEM (a PSAT) exam, and is proficient in English
- Scholarship to study for more than a year at the University of Toronto in Canada

STUDENT OF THE YEAR - João Machado Colégio (High School) - 2006

- Award given to the student with the highest GPA

Volunteer Experience

TRANSLATOR – Reasonablefaith.org – United States - May 2015 - Present

- Managed to assist staff with IT solutions to increase efficiency
- Developed a software to help the translation process
- Translated philosophical articles from English to Portuguese
- Subtitled lecture and debate videos to Portuguese
- Reviewed texts minutely finding errors before delivering the final product

MINISTRY LEADER - Evangelical Baptist Church - Paraíba, Brazil - Sep 2011 - Jul 2013

- Organized events to assist low-income families
- Increased the number of assisted families by 60%
- Increased the number of annual events by 100%
- Increased the number of volunteers
- Produced videos and flyers and advertised events

Software Projects

TOPPROFESSORS.COM - 2016

- Developed an online platform to assess professors' teaching quality
- Invited to talk about the project on CBC Radio and G1.com
- Managed to get more than 70.000 professors on the database
- Wrote a monograph about the development process (robertojunior.net/monograph)

AGRACADAQUIMICA.COM.BR - 2008

- Created and designed in High School a website to help students on their chemistry studies
- Handled a partnership with the biggest publishing house in Brazil

Miscellaneous

Certificates

2017 Scrum Fundamentals Certified (SFC)
2016 Creating Secure PHP Websites
2015 Apache Server Administration
2011 Adobe After Effects
2011 3D Illumination and Texturing
2006 PHP and Web Development
2006 Suse Linux
2006 Computer Networks
2005 Web Design
2005 Computer Maintenance & Assembly
2004 Windows, Office and Internet

Languages

English, Portuguese

Software Applications

Adobe After Effects, Adobe Photoshop,
Adobe Dreamweaver, Adobe Flash,
Autodesk 3ds Max, CorelDraw, Boujou

Interests

Software project management, web development, web security, databases, software engineering, machine learning, aviation, photography, visual effects, philosophy, biking, travelling