Rychard N. Guedes

Software Engineer Intern

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"Luck is what happens when preparation meets opportunity."

Education

IFPB (Federal Institute of Education, Science and Technology of Paraíba)   *João Pessoa, Brazil*
B.S. in Electrical Engineering   *Nov. 2012 - PRESENT*
- Got a Scholarship by the National Council for Scientific and Technological Development to Initiation to Scientific Research. - 2013/2014

UNSW (University of New South Wales)   *Sydney, Australia*
Student abroad by Brazilian Scientific Mobility Program from the Brazilian Government   *Jul. 2014 - Jun. 2015*

IFPB (Federal Institute of Education, Science and Technology of Paraíba)   *João Pessoa, Brazil*
Electronic Technician Integrated to High School   *Feb. 2008 - Jan. 2012*

Skills

Programming	C/C++, Java, LaTeX, Lua, NCL
Web	CSS3, HTML5
Languages	Portuguese, English

Experience

Digital Video Application Laboratory (Federal University of Paraíba)   *João Pessoa, Brazil*
Software Developer   *Oct. 2015 - PRESENT*
- Member of a team for software development of a video application for Digital TV, sponsored by the Brazilian Ministry of Culture.

Motiva/Federal University of Campina Grande   *João Pessoa, Brazil*
Professor   *Mar. 2016 - PRESENT*
- Programming professor of children between 10 and 14 years old, focusing in competitive programming.

Digital Signal Processing Group (Federal Institute of Education, Science and Technology of Paraíba)   *João Pessoa, Brazil*
Undergraduate Researcher   *Jul. 2015 - Sep. 2016*
- Research and software development of a body measurement application.

NICTA (National ICT Australia)   *Sydney, Australia*
Summer Research Intern   *Nov. 2014 - Feb. 2015*
- Research assistant crawling information from a HTTP request dataset.

Digital Signal Processing Group (Federal Institute of Education, Science and Technology of Paraíba)   *João Pessoa, Brazil*
Undergraduate Researcher   *Jul. 2013 - Jun. 2014*
- Research in metrics for 2D and 3D videos.

Extracurricular Activity

IFPB IEEE Student Branch   *João Pessoa, Brazil*
Member, Volunteer, Secretary, Vice-Chairperson & Chairperson   *Dec. 2012 - PRESENT*
- Development in leadership, communication, verbal, adversities solution skills and other soft skills.
- Gained expertise in organizing events and writing reports.
- Increased technical skills doing undergraduate researches.

IFPB Olympic Programming Project (POP) *João Pessoa, Brazil*

<small>Competitor Member & Staff</small> *Ago. 2015 - PRESENT*

- Participation in problem solving competition, obtaining good awards.
- Gained expertise in organizing problem solving competitions.

Federal Institute of Education, Science and Technology of Paraíba *João Pessoa, Brazil*

<small>Programming Techniques Course Tutor</small> *Mar. 2016 - PRESENT*

- Gained experience in teaching and development of verbal skills.

IFPB IEEE WIE Affinity Group *João Pessoa, Brazil*

<small>Member & Volunteer</small> *Feb. 2013 - Jun. 2014*

- Gained expertise in engaging women for STEAM fields.
- Gained experience in developing social inclusion activities.

Federal Institute of Education, Science and Technology of Paraíba *João Pessoa, Brazil*

<small>Programing Logic and Algorithms Course Tutor</small> *Ago. 2013 - Jun. 2014*

- Gained experience in teaching and development of verbal skills.

Honors & Awards

National

2016	**National Finalist**, ACM International Collegiate Programming Contest	*Belo Horizonte, Brazil*
2016	**Bronze Prize**, IV POP Marathon - Olympic Computing Marathon	*João Pessoa, Brazil*
2016	**Honor Award**, OPI - Olympic Computing Contest of Paraíba	*João Pessoa, Brazil*
2015	**4th Place**, Campus Festival Hackathon	*João Pessoa, Brazil*
2015	**Honor Award**, ACM International Collegiate Programming Contest	*João Pessoa, Brazil*
2015	**Bronze Prize**, OPI - Olympic Computing Contest of Paraíba	*João Pessoa, Brazil*
2015	**2nd Place**, II Software Fabric Marathon	*João Pessoa, Brazil*
2012	**National Finalist**, X FEBRACE - Brazilian Science and Engineering Fair	*São Paulo, Brazil*
2011	**Honor Award**, Course Completion Project in Electronic Technician Course	*João Pessoa, Brazil*
2011	**4th Place**, I Federal University of Paraíba Electrical Engineering Science Fair	*João Pessoa, Brazil*

Presentation

CBEB - Brazilian Congress in Biomedic Engineering *Foz do Iguaçu, Brazil*

<small>Presenter</small> *Oct. 2016*

- Multiplatform application development for postural anlysis and corporal measurement

Expotec - Technology Exposition *João Pessoa, Brazil*

<small>Presenter</small> *Aug. 2016*

- Introducing Robotics using Arduino

SIMPIF - Symposium of Post-Graduation Research and Inovation of IFPB *João Pessoa, Brazil*

<small>Presenter</small> *Dec. 2015*

- Application development for postural anlysis and corporal measurement

X FEBRACE - Brazilian Science and Engineering Fair *São Paulo, Brazil*

<small>Presenter</small> *Mar. 2012*

- Gathering information about the local environment and electronic equipment control using sensors

Program Committees

2015	**Staff**, IV IFPB/POP Programming Contest - High School Category	*Brazil*
2015	**Staff**, III IFPB/POP Programming Contest	*Brazil*
2014	**Chairperson**, IEEE Student Branch at IFPB	*Brazil*
2013	**Vice General Coordinator**, Latin-America IEEE GOLD Meeting	*Brazil*
2013	**Vice General Coordinator**, IEEE Student Branches National Meeting	*Brazil*
2013	**Secretary**, IFPB IEEE Student Branch	*Brazil*
2013	**Organizer & Staff**, IEEE Day at IFPB	*Brazil*
2016	**Staff & Problem Writer**, IFPB Olympic Programming Project - Recruitment & Selection Process	*Brazil*
2016	**Organizer & Staff**, TechKids - Programming & Robotics to celebrate Children's Day	*Brazil*