

Rychard N. Guedes

SOFTWARE DEVELOPER

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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)

COMPETITOR MEMBER & STAFF

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

Federal Institute of Education, Science and Technology of Paraíba

PROGRAMMING TECHNIQUES COURSE TUTOR

- Gained experience in teaching and development of verbal skills.

IFPB ACM Student Chapter

VOLUNTEER

- Participation in the opening procedure of the first Brazilian ACM Student Chapter.
- Development of soft skills.

IFPB IEEE WIE Affinity Group

MEMBER & VOLUNTEER

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

Federal Institute of Education, Science and Technology of Paraíba

PROGRAMING LOGIC AND ALGORITHMS COURSE TUTOR

- Gained experience in teaching and development of verbal skills.

João Pessoa, Brazil

Ago. 2015 - PRESENT

João Pessoa, Brazil

Mar. 2016 - PRESENT

Brazil

Jun. 2016 - PRESENT

João Pessoa, Brazil

Feb. 2013 - Jun. 2014

João Pessoa, Brazil

Ago. 2013 - Jun. 2014

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

PRESENTER

- Multiplatform application development for postural anlysis and corporal measurement

Expotec - Technology Exposition

PRESENTER

- Introducing Robotics using Arduino

SIMPIF - Symposium of Post-Graduation Research and Inovation of IFPB

PRESENTER

- Application development for postural anlysis and corporal measurement

X FEBRACE - Brazilian Science and Engineering Fair

PRESENTER

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

Foz do Iguaçu, Brazil

Oct. 2016

João Pessoa, Brazil

Aug. 2016

João Pessoa, Brazil

Dec. 2015

São Paulo, Brazil

Mar. 2012

Program Committees

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