Rychard N. Guedes

DEVELOPER EVANGELIST INTERN · CAMPUS EXPERTS SUMMER

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"Those that know, do. Those that understand, teach."

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, including a backend application and website.

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.
• Implemented a software for body measurement in C++ and OpenCV.

NICTA (National ICT Australia) *Sydney, Australia*
SUMMER RESEARCH INTERN *Nov. 2014 - Feb. 2015*
• Research assistant crawling information from 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

Federal Institute of Education, Science and Technology of Paraíba *João Pessoa, Brazil*
PROGRAMMING TECHNIQUES COURSE TUTOR *Mar. 2016 - PRESENT*
• Gained experience in teaching and development of verbal skills.

IFPB IEEE Student Branch *Brazil*
MEMBER, VOLUNTEER, SECRETARY & CHAIRMAN *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 IEEE WIE Affinity Group   *Brazil*

MEMBER & VOLUNTEER   *Dec. 2012 - PRESENT*

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

IFPB Olympic Programming Project (POP)   *Brazil*

COMPETITOR MEMBER & STAFF   *Ago. 2015 - PRESENT*

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

IFPB ACM Student Chapter   *Brazil*

VOLUNTEER   *Jun. 2016 - PRESENT*

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

Honors & Awards

NATIONAL

2015	**Finalist**, Hackathon Globo	*Rio de Janeiro, Brazil*
2015	**2nd Place**, Olympic Programming Contest of Paraíba	*João Pessoa, Brazil*
2015	**4th Place**, Campus Festival Hackathon	*João Pessoa, Brazil*
2016	**2nd Place**, Olympic Programming Contest of Paraíba	*João Pessoa, Brazil*

Presentation

2nd IEEE R9 Bahia Section Student Branches Meeting   *Salvador, Brazil*

PRESENTER   *Jan. 2013*

- Introduced the Operating Manual for Student Branch

2nd IFPB Robotic Challenge   *Cajazeiras, Brazil*

PRESENTER   *Feb. 2016*

- Introducing Robotics using Arduino

Arduino/Genuino Day   *João Pessoa, Brazil*

PRESENTER   *Apr. 2016*

- Introducing Robotics using Arduino

Expotec   *João Pessoa, Brazil*

PRESENTER   *Aug. 2016*

- Introducing Robotics using Arduino

Writing

IEEE Student Branches National Meeting   *Facebook Page*

WRITER   *Jan. 2013 - Jun. 2013*

- Drafted daily news for participants and followers.

I Love IEEE   *Facebook Page*

FOUNDER & WRITER   *Jan. 2013 - PRESENT*

- Drafted news about the members and volunteers.

TechKids   *Facebook Page*

FOUNDER & WRITER   *Jul. 2016 - PRESENT*

- Drafted news about the event.

IFPB ACM Student Chapter   *Facebook Page*

FOUNDER & WRITER   *Jun. 2016 - PRESENT*

- Drafted news about activities and IT news around the world for members and followers.

IFPB POP   *Facebook Page*

WRITER   *Jan. 2016 - PRESENT*

- Drafted news for members and followers.

JaguaribeTech   *Brazil*

UNDERGRADUATE STUDENT   *Aug. 2016*

- How to use Express Framework.

Program Committees

2011	**Team Leader,** Mageia Linux (i18n pt_BR Team)	*Brazil*
2012	**Membership Chairperson,** IEEE Student Branch at IFPB	*Brazil*
2012	**Organizer & Staff,** IEEE Day at IFPB	*Brazil*
2012	**Organizer,** IFPB Electrical and Electronic Engineer Day	*Brazil*
2012	**Organizer & Staff,** IFPB Week of Science and Technology	*Brazil*
2012	**Referee,** Brazilian Robotics Olympiad (OBR)	*Brazil*
2013	**Marketing Coordinator,** IEEE Student Branches National Meeting	*Brazil*
2015	**Staff,** 3rd IFPB/POP Programming Contest	*Brazil*
2016	**Treasurer,** IFPB ACM Student Chapter	*Brazil*
2016	**Organizer & Staff,** 1st IFPB Inovation Hackathon for Assistive Technology	*Brazil*
2016	**Staff & Problem Writer,** IFPB Olympic Programming Project - Recruitment & Selection Process	*Brazil*
2016	**Staff,** 4th IFPB/POP Programming Contest	*Brazil*
2016	**Organizer & Staff,** TechKids - Programming & Robotics to celebrate the Children Day	*Brazil*