

# 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

### IFPB IEEE Student Branch

João Pessoa, 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

MEMBER & VOLUNTEER

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

## 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.

João Pessoa, Brazil

Dec. 2012 - PRESENT

João Pessoa, Brazil

Ago. 2015 - PRESENT

João Pessoa, Brazil

Mar. 2016 - PRESENT

Brazil

Jun. 2016 - PRESENT

# Honors & Awards

## NATIONAL

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

# Presentation

## Expotec - Technology Exposition

PRESENTER

- Introducing Robotics using Arduino

## X FEBRACE - Brazilian Fair of Science and Engineering

PRESENTER

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

João Pessoa, Brazil

Aug. 2016

São Paulo, Brazil

Mar. 2012

# Writing

## IEEE Student Branches National Meeting

WRITER

- Drafted daily news for participants and followers.

## I Love IEEE

FOUNDER & WRITER

- Drafted news about the members and volunteers.

## TechKids

FOUNDER & WRITER

- Drafted news about the event.

## IFPB ACM Student Chapter

FOUNDER & WRITER

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

## IFPB POP

WRITER

- Drafted news for members and followers.

Facebook Page

Jan. 2013 - Jun. 2013

Facebook Page

Jan. 2013 - PRESENT

Facebook Page

Jul. 2016 - PRESENT

Facebook Page

Jun. 2016 - PRESENT

Facebook Page

Jan. 2016 - PRESENT

## Program Committees

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