

TechKids

IFPB ACM Student Chapter

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Chapter's Websites:

<http://ifpb.acm.org/>

Facebook page:

<https://www.facebook.com/ifpbacm/>

<https://www.facebook.com/techkids.ifpb/> (project)

Our Chapter:

IFPB ACM Student Chapter was founded in 27th June 2016 at IFPB, a technical university in Brazil. It is the first and only active ACM chapter in our country, providing good services for both ACM and local community.

Our University:

The Federal Institute of Education, Science and Technology of Paraíba (IFPB) is a Brazilian Federal Institution, linked to Ministry of Education, offering courses at different areas: high and technical school, undergraduate course and master's degree. It was founded on 29 December 2008, through the merging of Centro Federal de Educação Tecnológica da Paraíba (CEFET-PB) with Escola Agrotécnica Federal de Sousa.

The mission of IFPB is offer professional, technical and humanistic education in all levels and areas by means of Teaching, Researching and Extended Education, in the perspective of contributing in citizens formation to perform in the market and in the construction of an inclusive, fair, sustainable and democratic society.

Nowadays, the institute is composed of 15 campuses spread through all the State of Paraíba. The student chapter is located in João Pessoa, state's capital and biggest city. The IFPB Campus João Pessoa offers 13 undergraduate courses, in which 6 of them has some kind of affinity to Computer Science (Internet Systems, Computer Networks, Electrical Engineering, Telecommunication Systems, Industrial Automation, Geoprocessing). Furthermore, it also offers graduate courses (master's degree) in Electrical Engineering.

Our chapter has 25 members from 3 different majors:

- Electrical Engineering;
- Computer Networks;
- Internet Systems.

Our Community Services:

The TechKids is an event that celebrates Children's Day and aims to teach Programming (software development), Chemistry and Robotics to students between 10 and 15 years old from middle school from public system in João Pessoa, State of Paraíba. The main goal is to show the kids a few about science and technology, in order to rise the interest on these fields through practical activities that are carried out during the event. Another important goal is to spread the opportunities for studying at Federal Institute of Education, Science and Technology of Paraíba, as well a campus tour, where the event is held. The first edition was held on October 29, 2016, with the participation of 34 students from the State Middle and High School Professor Maria Helena Bronzeado Machado. Fifty-five IFPB students enrolled to volunteer at the event, from the most diverse majors: Electrical Engineering, Interior Design, Computer Networks, Systems for Internet and Electronics Technical course. After TechKids, several participants enrolled in the admission process for technical courses at IFPB and two of them were approved for Electronics Technical Course,

at 1st and 3rd general place. Among the offered activities, the most important were Programming Workshops (Scratch and AppInventor), Robotics (Lego Mindstorm) and the Chemistry Show. The next edition is scheduled for October 13, 2017, and the goal for this year is to welcome 100 (one hundred) children and include activities in the areas of Mechanics, Automation and Interior Design.