Evair Cunha

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Education

Universidade Federal do Pará, UFPA   Castanhal, PA
BS Computer Engineering (Finished)   Jan 2014 - Dec 2019

Universidade Federal do Pará, UFPA   Belém, PA
Graduate Program in Electrical Engineering (Interrupted)   Jan 2020 - Aug 2020

Universidade Federal de Pernambuco, UFPE   Recife, PE
Graduate Program in Computer Science   Aug 2020 - Present

Experience

Programa de Pós-Graduação em Engenharia Elétrica - UFPA   Belém, PA
Researcher   Jan 2020 - Aug 2020

Development: Python, C++, Matlab, Java, MySQL.

- Deal with continuous stream of data from environmental satellite GOES-16 and INMET weather data for monitoring the wheater conditions of metropolitan zone of Belém;
- Build a Graphical Interface for users to extract, manipulate and display the data from satellite GOES for any area in America from North to South (available on https://github.com/ver0z);
- Helped to create a RNA classifier of distances of lightnings according to the electromagnetic lightning pattern in an area of 600 km of radius.

Pimentinha da Sorte (S.B. Bulhões)   Tomé-Açu, PA
Consultancy and Assistance   Oct 2019 - Mar 2020

- Advisory services for registry in online sweepstakes;
- Fixes and settings of the sistems for the control of cash flow and results;
- Worked as a consultant to manage the computing area.

Laboratório de Desenvolvimento de Sistemas - UFPA   Castanhal, PA
Intern   Nov 2018 - Dec 2019

- Helped the full write of a paper of a case study about the applications in the context of smart cities;
- Responsible for checking the features of each technologies of transmission for IoT/M2M to make comparisons between them, considering the effects that weather of the amazon region can have on performance.

Laboratório de Desenvolvimento de Sistemas - UFPA   Castanhal, PA
Reseach Project Volunteer   Jun 2016 - Apr 2017

Development with: C++, Ns-3, Matlab.
Infra operations with: Linux; Windows

- First real experience developing pattern of scenarios of different environments in Amazon context, to study the effects of random position on the many nodes (IoT) displayed in the region.
- The possible effects could be seen on the variations of jitter, delay, packet loss, throughput among others.

Banco da Amazônia   Bragança, PA
Intern   Jan 2010 - Dec 2012

Infra operations with: Windows; Network, Intranet, Bank system;

- Helped with the maintenance of physical and digital database;
- Helped maintain windows workstations;
- Management / Client support