Luiz Camara Neto

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OBJECTIVE

- To be part of a startup team during the Spring term in order to fulfill a desire of obtaining more knowledge and experience in the field of software development and business

SUMMARY OF QUALIFICATIONS

- Two years' research experience in software development applied to image processing techniques
- One year's experience in hardware design for educational systems
- One year's experience as lab teaching assistant
- Strong knowledge of fundamental programming concepts and their application in C, C++, Java
- Clear understanding of web architecture and its design using HTML, PHP, JavaScript and CSS
- Solid knowledge of fundamental software modeling concepts using UML
- Knowledge of basic Unix programming using Bash/Shell scripts
- Excellent understanding of fundamental mobile programming concepts and their application in Android, developed through self-study

- High comprehension of hardware systems and their implementation through VHDL

- Strong knowledge of image processing concepts, developed through research experience
- Demonstrated ability to understand and follow instructions and rules
- Effective team member requiring minimal supervision
- Excellent verbal and written communication skills; native Brazilian Portuguese, fluent English and basic comprehension of Spanish

EDUCATION

Exchange Student of Computer Engineering, University of Waterloo, Waterloo, ON, January 2014 – September 2014

Relevant Courses:

- Digital Hardware Systems
- Objected-oriented Software Development
- Digital Image Processing

Candidate for Bachelor of Engineering, Computer Engineering, Federal University of Ceara, Brazil, 2010 – present

Relevant Courses:

- Computational Systems
- Software Engineering
- Web systems development

Relevant Assignments:

Mini 8086 Microprocessor CPU, Microprocessor Systems, January – June 2012
- Designed the schematic diagram on NI Multisim and built it using wire wrap method
- Collaborated and balanced timetables with three other team members

Software System for Data Structures Teaching, Programming Techniques Applied to Engineering II, July 2012 – December 2012
- Implemented a Java system to facilitate the teaching of data structures in the software development context
- Presented the work for a group of 50 students and a professor, credited with full marks

High School Diploma, Lourenço Filho School, Brazil, December 2009

WORK EXPERIENCE

Researcher in Software Development Applied to Image Processing
Laboratory of Vision, Images and Signals, Fortaleza, CE, Brazil, January/2012 – August /2013

- Designed software systems based on image processing techniques
- Worked actively as a team member of a corrosion damage analysis through image processing project, developing a software system of evaluation of corrosion damage in a large amount of materials using MatLab and Java
- Worked actively as a team member of computer assisted diagnosis through image processing project, developing a software system to facilitate automatic diagnosis of retinal diseases using MatLab and C

Lab Teaching Assistant
Federal University of Ceara, Brazil, Fortaleza, CE, Brazil, March/2011 – December/2011

- Worked on the digital hardware laboratory helping students with theoretical and practical issues and collaborating with the professor effectively during the lab assignments
- Developed a low-cost educational digital hardware module, reducing the amount spent in equipment by the laboratory
- Presented the project in a conference in Brazil for a group of academic members