IGOR DE PAULA

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Education

Boston University Class of 2016

Bachelor of Science in Computer Engineering

Relevant coursework: Intro to Engineering Computation, Discrete Mathematics, Intelligent Robotics, Intro to Software Engineering, Logic Design, Electric Circuit Theory, Computer Organization, Operational Systems, Algorithms, Microprocessors, Advanced Digital Design, Intro to Computer Networking, Cyber Security, Software Design, Enterprise Client/Server Software, Sustainable Power Systems, Capstone Senior Design Project.

Experience

Andersson Labs Summer 2014

Worked with undergraduate and graduate students to redesign an algorithm for single particle tracking. I then implemented the new design using Nvidia's CUDA to take full advantage of the lab's GPU cluster.

eHana, LLC Internship Summer 2015

Developed a web service to run optical character recognition using Tesseract and then made use of the service in the company's main product to capture the text from images and scanned files uploaded to the system. Also designed and implemented a sms and call notification web service using Twilio.

Intro to Engineering Computation Teaching Assistant January 2012 - May 2016

Worked with the Professor to make decisions on how to shape the future of the course. Lead class discussions and guided students during the lab time in a more individual basis. Collaborated with co-workers to develop group projects for the students.

eHana, LLC June 2016 - August 2017

Designed and implemented new features as well as maintained and expanded on the core product. Carried the front end developer role which made me responsible for UI/UX conception as well as implementation of new products using modern technology.

Skills

Programming Languages

C, C++, C#, javascript, typescript, HTML, CSS, PHP, Node.JS, python, T-SQL, MATLAB

Software Development Frameworks

AngularJS, Angular2, ASP.NET, LAMP, Nvidia's CUDA

Software

UNIX,MIPS assembly instruction set, Verilog hardware description language, Jira: agile tools for software teams, SQL Server, Microsoft Office, G Suite

Languages

Fluent in English and Portuguese. Conversant in Spanish.

About

Throughout my time in college and work so far, one of the most valuable lessons I learned is about how I learn and focus. I'm very confident on my coding skills today and though I am sure I don't know everything, I am sure I can learn it. I'm diligent, goal oriented and am always willing to go the extra mile for that "wow moment".