

MIGUEL CEPEDA

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PROFILE

Junior web developer focused on front-end skills with a passion for learning and eager to build long lasting, dynamic applications with cutting edge technologies. Knowledgeable in a wide array of scripting languages and web tools as well as principles of website construction and maintenance. Adept at conveying complex information to a variety of audiences in a clear and understandable manner.

EDUCATION

Master of Science in Biomedical Engineering (May 2013)
Boston University, Boston MA

Bachelor of Science in Electrical Engineering (May 2009)
University of Florida, Gainesville FL

SKILLS

Languages: HTML, CSS, JavaScript, PHP, MATLAB, Perl, C++
Technologies: Bootstrap, jQuery, Node.js, MongoDB (Mongoose), Express, API
Systems: Git, Wordpress
Design: Adobe Photoshop, Illustrator

EXPERIENCE

Freelance Developer Jan 17 – Present

- Local farm business website redesign using up-to-date web technologies
- Planning and build of customized writers blog site

Axiom Learning, Newton Learning Center Director May 14 – Present

Execute marketing and sales, recruiting, new hire training, educational quality control, and professional development for current employees of learning center

- Provide end-to-end holistic learning experiences for students through an assessment and diagnostic process, progress reports, skill/concept-specific assessments, and parent support and education
- Support 4-6 instructors with creating individualized curricula for 1-on-1 teaching as well as provide feedback to improve and motivate instructors

BU Auditory Neuroscience Lab, Research Assistant Jan 12 – Sep 14

Research in the field of psychoacoustics and auditory perception

- Using MATLAB scripting language, independently developed and analyzed experiments measuring how auditory grouping affects speech intelligibility in the presence of competing sound objects
- Product of work resulted in two Acoustical Society of America (ASA) conference posters: "Spatial Influences on the Spectral Restoration of Narrowband Speech" (ASA Seattle 2011) and "Effects of Spatial Attention on Across-frequency Grouping in Speech" (Acoustics Hong Kong 2012)

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Accenture, Technology Consultant Intern

May 08 – Aug 08

Configuration Management on California Child Support Automation System for the Department of Child Support Services

- Worked on conversion of content from a project HTML workbench and support wiki to a new consolidated wiki installation using Perl and RegEx
- Developed a command line script for the generation of defect reports from ClearQuest to simplify monthly generation using Perl and ClearQuest APIs

IBM, Pre-professional Engineer/Intern

May 06 – Aug 06

Function verification testing on the computer architecture of the IBM z-series mainframes

- Helped install and boot VM and Linux operating systems on logical partitions of a mainframe to be used as an automation solutions tool
- Wrote Perl scripts that would automate the retrieval of logs from the registry of the machine in order to evaluate and assess trends in the machine's malfunctions.