MIGUEL CEPEDA

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PROFILE

Web developer focused on front-end skills with a passion for learning and an eagerness 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 design, 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, SASS, JavaScript, Python, PHP, MATLAB, Perl, C++
Technologies: React, Typescript, Storybook, Gulp.js, Git, NPM, Next.js, Tailwind CSS, Node.js
Design: Sketch, Adobe Photoshop, Adobe Illustrator, UX/UI design

EXPERIENCE

Velir, Front-End Developer   Apr 19 – Apr 25
• Built content and data-driven enterprise level web applications, implementing dynamic user interfaces emphasizing responsive web design and accessibility
• Collaborated with teams across Velir (from design to backend), helping to vet requirements, evaluate designs, and implement functional specs
• Wrote clean, well-organized, accessible code, following industry-standard coding practices
• Assessed and estimated development effort for the business development and client services team
• Applied and expanded knowledge of accessibility, web performance, and scalability

iZotope, Web Operations Specialist   Apr 18 – Jan 19
• Responsible for all operational aspects of iZotope web properties that include new page setup and implementation, daily site maintenance, and issue resolution
• Served as point person for web implementation and operational issues that emerged and partnered with development agency and IT to resolve
• Performed website quality assurance testing prior to new site releases
• Provided documentation for website related technical support

User Interface Engineering, Jr. Front End Web Developer   Mar 17 – Apr 18
• Built tool to track inactive email subscribers using PHP, Bootstrap, and Mailchimp's API
• Designed new email newsletter signup page guided by user research/usability tests; developed with HTML, SASS, and Javascript to integrate Mailchimp's API
• Organized, designed, and developed HTML and CSS code for email campaigns using current style guides
• Responsible for shipping and scheduling all HTML email campaigns sent out to approx. 54,000 subscribers on a daily basis using Mailchimp
• Updated code on company's responsive sites using Git version control and Wordpress, ExpressionEngine

Axiom Learning, Newton Learning Center Director   May 14 – Mar 17
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)

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.