

# MIGUEL CEPEDA

1353 Beacon Street • Brookline 02446 • 617.396.7564  
[miguel.d.cepeda@gmail.com](mailto:miguel.d.cepeda@gmail.com) • [miguelcepeda.com](http://miguelcepeda.com)

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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.

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## 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

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## SKILLS

**Languages:** HTML, CSS, SASS, JavaScript, PHP, MATLAB, Perl, C++  
**Technologies:** Bootstrap, jQuery, React, Node.js, MongoDB (Mongoose), Express, API  
**Systems:** Git, Wordpress, Litmus  
**Design:** Adobe Photoshop, Illustrator, UX/UI design

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## EXPERIENCE

**User Interface Engineering, Jr. Front End Web Developer** Mar 17 – Present

- Built tool to track inactive email subscribers using PHP, Bootstrap, and Mailchimp's API
- Fully designed and developed new email newsletter signup page with HTML, SASS, Javascript to integrate Mailchimp's API
- Conducted user research including running usability test for signup page design
- 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

**Freelance Developer**

Jan 17 – Present

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

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**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)

**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.