OLMO MALDONADO

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EDUCATION

University of California Los Angeles	Masters of Science, Electrical Engineering *Overall GPA: 3.52*	May 2009
University of Texas San Antonio	Bachelors of Science, Electrical Engineering *Overall GPA: 3.34*	May 2007

EXPERIENCE   Text

(boot) Coding School - *Founder & Director;* Mission, TX   March 2016 - Sept. 2016
A tuition-free 12-week immersive Full Stack Web Developer bootcamp by Code RGV, Texas Workforce Commission, and Mission EDC
• Awarded $150k in matching grant by Texas Workforce Commission and Mission EDC
• Developed, and open sourced, 12-week curriculum including practice and coding challenges
• Recruited over 420 applicants, selected only 10 students, managed their development, and hiring of students with tech companies
• *Taught*: ES6+, Express, Gulp, Python, MongoDB, Sockets, OpenShift, ReactJS, Redux, OAuth, Jasmine, ESLint

GMG Agency, LLC - *CTO;* McAllen, TX   December 2009 - 2015
Marketing company targeting the Mexican border crosser (a $2B+ market) with digital and traditional media.
• Implemented automatic invoicing, billing, customer development, and ROI reporting for sales optimization
• Implemented high performance fault tolerant networked storage with automatic incremental backup
• *Used*: Python, GlusterFS, SMB, Mailchimp, Google Adwords, Google Analytics, Google Apps Scripts, Lean Startup, Amazon S3, MapBox

Google - *Software Engineer Intern;* Santa Monica, CA   June 2009 - October 2009
Team: Google Web Albums (now Google Photos)
• Developed online non-destructive photo editing (crop, rotation, filters, undo) library for all Google Photos
• *Used*: Google Closure, Internal Google APIs, JS Test Driver, SCRUM

MooTools - *Core Developer*   2007 - Present
High performance object oriented JavaScript framework
• Architected and implemented 100% test coverage and continuous integration of framework for all mobile and desktop browsers
• Resolved cross browser and legacy issues by implementing native extensions (polyfills) using feature detections
• Overhauled documentation and guides to improve adoption and usage of the framework
• *Used*: JavaScript ES3+, Jasmine, Sinon.JS, Grunt, Jenkins, Sauce Labs, HTML5, CSS3

University of Texas San Antonio - *Research Assistant;* San Antonio, TX   2004 - 2006
Advisor: Dr. Thomas Connelly, Team: REMOTE Project, networked laboratory experiments available online
• Reversed engineered proprietary laboratory client-server protocol to man-in-middle command experiments
• Integrated with Matlab to start, stop, reset, and reconfigure (based on student form submission) experiments
• Implemented UI and controlled Logitech camera via AJAX calls
• *Used*: Wireshark, Apache 2, PHP 5.1+ Sockets, Matlab Server, XHR, HTML/CSS, Helix Media Server

LEADERSHIP EXPERIENCE AND ACTIVITIES

Code RGV - *Board Member and Founder*   September 2013 - Sept. 2016
A 501(c)(3) non-profit tech education organization in South Texas

Leadership McAllen - *Class 34 Student and Board Member*   August 2014 - Present
A 501(c)(3) non-profit that mentors civic minded leaders in their city's history and processes to make a difference

ADDITIONAL INFORMATION

Programming: Proficient: Node.JS, JavaScript ES6+, PHP, Python, MySQL, BDD, REST, Google Apps Scripts
                    Familiar: Ionic, Meteor, Django, React, Redux, SCRUM, Google App Engine, Adobe Photoshop, Adobe Illustrator
                    Learning: React Native, Machine Learning, Amazon Web Services
Languages: Fluent in Spanish
Work Eligibility: Eligible to work in the U.S. with no restrictions
Interests: Woodworking, Brewing, Social Entrepreneurship, Tennis, Education, Mentorship