Luis H. Garcia

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Web Developer

I'm a web developer and science aficionado, who is passionate about creating and analysing things, problem solving, and learning new technologies. I am seeking a challenging opportunity in web or software development where my skills and experience can be fully utilized.

Technical Skills

Front-End: HTML5, CSS3, JavaScript, Angular 2+, Bootstrap, Photoshop, JQuery, Ajax,
Back-End: Node.js, Python, PHP, Swift3(iOS), Django, Flask, Express, MVC, RESTful APIs
DB/ORM: MySQL, MongoDB, SQLite, Mongoose.js
Other: Git, SQL, XCode, Agilent Chemstation, LIMS

Experience

Analytical Chemist, American Scientific Laboratories, Los Angeles, CA   November 2013 - February 2017
- Calibrate machines and prepare QC standards for daily activities
- Troubleshoot and perform routine maintenance on various laboratory equipment and software
- Prepare, load, and run samples following standard operating procedures
- Interpret analysis results and submit detailed reports of findings

Field/Payroll Representative, Academic Advantage, Los Angeles, CA   October 2012 – November 2013
- Contact potential candidates through door-to-door canvassing
- Create student learning plans based on assessment tests
- Process tutor paperwork for errors and inconsistencies

Tutor, Academic Advantage, Los Angeles, CA,   February 2012 – May 2013
- Help students from 1st-12th grade with Math and English
- Fill out appropriate forms and perform data entry
- Interact with parents to provide progress reports

Education

Bachelor of Science – Biology
Emphasis on Environmental Biology
California State University, Northridge – Northridge, CA   December 2011

Web Development Projects

myPalettes - Mobile application that uses Google's Vision API to extract color information from pictures and returns a color palette based on those colors.
> Tasks: Used Xcode to create a custom camera view, also added UX components and sharing function.
> *Tech: Swift3, Core Data, XCode, Google's Vision API, iOS 10, MongoDB*

ArgonBlog - Personal blogging site, complete with search functionality, tags, and SEO
> Tasks: Built site, using Django, it has sharing, tagging, RSS Feed, and sitemap.
> *Tech: HTML, CSS, Django, Python, Django ORM, Git*

DrawingHood - An iOS drawing application that uses Core Motion to draw onto a canvas. The position of the row and pitch are used to determine the position of the brush.
> *Tech: Swift3, Core Motion, XCode, iOS 10*

TeamManager - Project to keep track of teams and matches for an amateur pool league.
> Tasks: Built site using Angular 4 in the front end and used MongoDB for the back end.
> *Tech: HTML, CSS, Javascript, Mongoose.js, MongoDB, Node.js, Express.js, Angular 4, Git*

Activities & Other
- Community Emergency Response Team Member (CERT)
- American Red Cross Certified, Emergency Medical Responder
- Fluent in Spanish, Conversational French, Beginning German
- Interests include music, computer programming, biology, botany, and foreign languages