Jonathan T. Endale

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Spanish Citizen and US Permanent Resident

Education

Certification in Front End Web Development(400h) — **Online**
Free Code Camp Academy — *2016*
Topics: Bootstrap, JavaScript (jQuery, Ajax), Responsive Design Patterns, Algorithms, APIs(Weather API, Google Maps). Project example: Design and implement a Tip Tap Toe game and algorithm that would never lose.

B.S.E. in Aerospace Engineering — **Madrid, Spain**
Rey Juan Carlos University — *2012–2016*

Exchange Program in Aerospace Engineering — **Milan, Italy**
Politecnico di Milano — *2013–2014*

Notable Projects

- **Undergraduate Thesis Project(Honors)**: Designed, modeled and simulated the movements of a complex mechanical systems. Obtained a powerful non-lineal controller. Matlab, Simulinks, SolidWorks.
- **Air Traffic Control Management Game Simulator:** 3D game/simulator of an air traffic control system. Aircraft would appear randomly in the board and the controller had to guide them in an optimal path into the landing runway. C++,OpenGL,Linux,OOP.

Experience

Bilingual Ads Quality Rater(Italian/English) — **Remote, US**
ZeroChaos — *2016*
-Review, analyze and rate the quality and the relevance of the ads presented to users according to their inputs into a renewed search engine.
-Designed a personal Chrome app to record the worked hours in an easy and intuitive way.

Aeronautical Engineer, Intern — **Madrid, Spain**
Airia Engineering and Services — *2015*
-Wrote technical reports for several governmental and international projects.
-Created AutoCad drawings that describe the working areas for each project.
-Optimized the database and the Excel entry tasks by creating different macros.

Media and Web Manager, Translator/Interpreter — **Madrid, Spain**
International Church of Madrid — *2009–2016*
-Translated and interpreted from English to Spanish on a weekly basis. -Implemented a bilingual and responsive website. First position on Google Search on its category. Congregation increased 7-10 times one year after all changes were implemented being the website the first point of contact of almost all new members.
-Created an app with PHP and MySQL that made easy the uploading and managing of the weekly audio recording. The app synchronized also the audio files with iTunes Podcasts through XML/RSS.
-Recruited, trained and managed a team of volunteers.
-Designed the projection system: choosing of the equipment and the software, creation of manuals explaining use and configuration.

Languages and Technologies

- JavaScript(along with React, NodeJs and jQuery), HTML5, CSS3, C++, Matlab, PHP, MySQL, Git
- Spanish(Native), English(Fluent) and Italian(Intermediate).

Links

- GitHub: `https://github.com/jtefera`
- CodePen: `https://codepen.io/jonahum/`