

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*
Relevant Coursework: Bootstrap, JavaScript (jQuery, Ajax), Responsive Design Patterns, Algorithms, APIs (Weather API, Google Maps). Project example: Design and implement a Tic Tac Toe game and algorithm that would never lose.
- **B.S.E. in Aerospace Engineering** **Madrid, Spain**
Rey Juan Carlos University *2012–2016*
Relevant Coursework: Advanced Programming for Aerospace Engineering(C++), Trajectory Optimization, Signal and Systems, Satellite Telecommunications, Control Systems, Aerodynamics, Flight Mechanics, Introduction to Business Administration
- **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 system. 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 onto 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 online ads.
 - Designed a personal Chrome app to record the worked hours in an easy and intuitive way.
- **Media and Web Manager, English/Spanish Translator/Interpreter** **Madrid, Spain**
International Church of Madrid *2009–2016*
 - Implemented a bilingual and responsive website through WordPress. First position on Google Search in its category. Congregation increased 7-10 times one year after all changes were implemented as the website is the first point of contact for almost all new members.
 - Created an app with PHP and MySQL that made the uploading and managing of weekly audio recordings easy. The app also synchronized the audio files with iTunes Podcasts through XML/RSS.
 - Recruited, trained and leaded a team of volunteers.
 - Designed projection system, chose equipment and software, and created manuals explaining use and configuration.
- **Aeronautical Engineer, Intern** **Madrid, Spain**
Airia Engineering and Services *2015*
 - Wrote technical reports that were relevant in the awarding of several governmental and international projects.
 - Created AutoCad drawings that helped with the visualization of the working areas of each project.
 - Optimized the database and Excel data entry tasks by creating different macros.

Languages and Technologies

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

Links

- Website: <http://jtefera.com>
- GitHub: <https://github.com/jtefera>
- CodePen: <https://codepen.io/jonahum/>