

JESSICA M. VÁZQUEZ RODRÍGUEZ

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Professional Summary

Recent Computer Science graduate with Web development experience and a lifelong passion for Game Design and Development. Currently developing game development skills in her free time, and interested in pursuing graduate studies in areas related to *Human-Computer Interaction*, *Interactive Media* and *Gaming*. She would like to open her own independent game studio one day, with a focus on games that are transformative and educational as they are immersive.

Technical Skills

- *Advanced* HTML, CSS and Bootstrap
- *Intermediate* JavaScript and JQuery, Python, NodeJS, ExpressJS, AngularJS 1, PHP, (My)SQL
- *Intermediate* Git, Bash, Linux
- *Basic* .NET MVC5, ReactJS, Electron, Ionic, MongoDB, Gulp, LESS, SASS
- *Basic* C++, C#, MonoGame Framework, Unity engine, Blender3D
- Graphics assets authoring with GIMP, Inkscape, Affinity Designer

Work History

Web Developer

October 2017 to Present

ITGroup

San Juan, PR

- Developing Web-based application portal for Triple-S Vida's claims application processing services, using .NET MVC5.
- Attending weekly update meetings with client to demonstrate progress and gather valuable feedback.

Instructor

July 2017 to Present

Codetrotters Academy

San Juan, PR

- Teaching two sessions, morning and evening, bi-weekly, of a 10-week introductory programming course dedicated to HTML, CSS and JavaScript, contributing to the growth of the local tech workforce.
- Updating or developing course materials every week to reflect and adapt to each session's own pacing.
- Mentoring students, a majority that are experiencing coding for the first time, into completing weekly assignments, a final project, and developing other necessary skills for a software development career.

Technology Summer Intern

June 2017 - July 2017

GFR Media

Guaynabo, PR

- Summer Intern at the Digital Development department in one of the largest media and data-driven companies in Puerto Rico.
- Developed web applications with JavaScript (front-end and back-end) that directly connect data from different sources with the company's Tableau Business Intelligence (BI) environment, improving the BI department's efficiency and ease of access to important data about their digital products' users and interactions.

Google IgniteCS Mentor

March 2017 - May 2017

Inter American University of Puerto Rico

Bayamón, PR

- Lead mentor and curriculum designer of 5-session Web Design (HTML and CSS) course for students from 4th to 8th grade at Wesleyan Academy, Guaynabo.
- Assistant mentor of a 4-session Scratch course for 2nd grade groups at St. Mary School, Cupey.

Web Developer

October 2014 - April 2017

Akelita

San Juan, PR

- Contributed to the development of user experiences for various applications with JQuery, AngularJS and ReactJS, mainly Medicare STEP App and Aseguratec.com, collaborating in different teams. Also performed back-end development tasks, using NodeJS, ExpressJS, MySQL and Gulp.
- Helped build the front-end of an initial version of the hybrid mobile application, MyNutriKart, using the Ionic framework.
- Designed Web sites for several company products and services (HTML5, CSS3, JavaScript).
- Implemented, and sometimes even designed, application wireframes and mockups with code.

Education

Bachelor of Science in Computer Science, **Minor in** Design & Development of Video Games (Pending)

Graduated May 2017

Inter-American University of Puerto Rico

Bayamón, PR

- 3.83 GPA
- Vocal member at the INTERDEV Association for Computer Science students

- Founder and member of Include Girls campus chapter, organization supporting gender diversity in STEM
- Relevant Courses: Game Design, Video Game Graphics I & II, Video Game Programming I and II, Software Engineering, Data Structures, Object-Oriented Programming

Projects & Awards

- **Global Game Jam Puerto Rico 2018**: member of the organizing team for this year's local Global Game Jam gathering, to be held January 26-28
- **Time Attack! 2D Game Prototype (2017)**: built with the MonoGame framework, presented at INTERActiva Expo 2017
- **Research (2017)**: completed my field practicum by assisting Prof. Ana P. Becerra in research for Ransomware in the Internet of Things
- **Raspberry Pi Cluster (2016)**: learned parallel programming concepts by building Raspberry Pi Cluster for future research projects
- **Internet-Connected, Raspberry Pi Simon-Says Game machine (2016)**: the machine would connect to a web application to send player scores
- **INCLUDE-A-THON (2015)**: Winner in Best Job-Related Hack category at hackathon, with mobile app for idea generation, IdeaFactory
- **SilverQuest Online RPG (2008-2011)**: amateur-run, 2D online RPG project with ASCII-like graphics and an innocent sense of humor, devised by Wolfgang Wozniak, where I contributed as a assistant designer