

# José Vázquez Cruz

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## EDUCATION

### Holberton School

*Software Engineer - Foundations*

San Juan, Puerto Rico

March 2020 - present

- Graduated from a 9-month program focused on the foundations of computer science and software engineering, including low-level programming & algorithms, high-level programming & databases, and system engineering & networking
- **Relevant projects:** AirBnB Clone, Linux Shell simulator, Printf clone and

### University of Puerto Rico - Ponce Campus

*Bachelor of Information Systems*

Carolina, PR

August 1994 – June 2000

- Graduated with a bachelor degree in Information Systems.

## WORK EXPERIENCE

### Atlantis Consulting Group & PR Renal

*Junior Developer, Frontend & Graphic Designer*

Carolina, Puerto Rico

January 2013 - 2017

- Sketched and developed interfaces for future web applications.
- Collaborated in the project back ends alongside senior developers.
- Developed and proof read written content for educational and promotional campaigns
- Designed all visual content promotional booths, banners, interactive presentations and print media.

### Netsky Information Services, Ponce, PR

*Web Developer, Publicity Graphic Design*

Ponce, Puerto Rico

January 2006 - December 2011

- Managed client assessment sessions and developed proposals for web projects
- In charge of client assessment sessions and proposals for web projects.
- Developed the repair service department's web-based service ticketing system
- Developed the company's marketing email newsletter
- Involved in putting together project requirements, management, design & development.
- Developed marketing content for newspaper ads, interactive presentations and animated commercial spots.

## PROJECTS

### AirBnB Clone

*A replica of AirBnB built with Python and MySQL on a Nginx server*

August 2021

- Built a command interpreter to manipulate data without a visual interface, like in a Shell, which helps for development and debugging
- Implemented two options for back-end storage engines: ORM with SQL and File System with JSON
- Completed a website for the front-end, which shows both static and dynamic content
- Integrated an API that provides a communication interface between the front-end and the data from the back-end

### **Simple Shell**

*A replica of Shell built in C*

*May 2021*

- Developed a command interpreter that works like Shell, with the use of system calls and with no memory leaks

### **Express Computer Repair System**

*Service ticketing and report system*

*May 2006*

- Developed and designed a service ticket systems that managed functions such as: status updates, service reports, automated email reports, client communication and service follow ups.

### **Mailing Campaign manager**

*An email Marketing Tool*

*May 2020*

- Developed and design a system that featured email verification, email content body in html, image integration

### **SKILLS & INTERESTS**

- **Languages:** Spanish and English
- **Programming Languages:** C, Python, Bash, MySQL, JavaScript, PHP
- **Tools:** Git, Vim, Shell, Vagrant, VirtualBox, Linux, Nginx, Bootstrap
- **Skills:** autodidactic, public speaking, good eye for design, problem solving, interpersonal communication, documentation