

Jorge Rodriguez

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Objective:

- To secure an internship or co-op for professional experience in database management, networking or software development
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Education:

- **University of Central Florida – Orlando, FL:**

B.S. in Computer Science / Minor in Digital Media

GPA: **3.7**

Graduation: Dec 2017

Skills Summary:

Programming Languages: • C • C++ • Java • Haskell • MIPS Assembly • C#

Operating Systems: • Windows • Ubuntu • CentOS • Noobs OS

Web Languages: • HTML • CSS • JavaScript • AJAX • PHP

Projects:

Phoodbuddy (Web application):

- Developed a JavaScript data layer that facilitated interactions between front-end data and back-end.
- Designed Firebase Database NoSQL Architecture and established avenues for OAuth authentication for different devices (Android, iOS, Web) in addition to scripts to populate starting database.

V.E.D.I.C (Virtual Environment for the Development of Interactive Code) (Senior Design Project)

- Unity Developed platform using Oculus DK2 Headset, C# and PHP / MySQL server to demonstrate potential utilities a virtual reality environment can lend to virtualizing databases
- Leap Motion Controllers integration for hands-on interaction with virtualized database
- Allows analytical virtualizations of MySQL database with a 'Node System' for constructing queries

EventNote (Full-Stack Web Application)

- Website designed for student/faculty accounts to host events and pull RSS feed information from universities to populate events on a local map. Uses: Bootstrap HTML, CSS, JavaScript, PHP, MySQL.
- Project Manager role administrating and dividing work and providing clear goals and deadlines.

Project Martin: Linux Web Server (*In-Progress)

- Debian based Raspberry Pi with Noobs OS to run custom web server for storage and future applications.
 - Remote PuTTY access for requesting and administrating operations.
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Employment:

Intern for TopTech Systems II Orlando, FL

June 2017 – August 2017

Data Scientist

- Conduct research and produce reports / meetings that evaluated proposals and milestone management
- Analyze database structures to provide mechanisms for expected outcomes

Freelance – Sweepstake Reveal System, Hollywood, FL

May 2016 – May 2017

Position Management / Animations, UI, Menu / Auto-update system

- Developed a casino styled slot game system in C# and Unity with adjustable modular components.
- Provides hub interface for providing an auto-update system to applications and access to library

Teaching Assistant for Computer Science II Orlando, FL

August 2015 – June 2016

Undergraduate TA

- Grade Java assignments/exams and collaborating with other faculty on specific grading criteria's
- Create Java assignments at the request of the professor as extended learning material for adept students.