4151 West 10th Avenue
Hialeah, FL 33012
www.github.com/rd37011
www.rd37011.github.io

786-612-9265
rxd234@miami.edu
https://www.linkedin.com/in/ryan-diaz-621711100/

RYAN DIAZ

WORK EXPERIENCE

Software Engineering Intern	JP Morgan Chase & Co.	June 2018-August 2018

Corporate and Investment Banking
- Built a UI to help streamline internal processes with developers as end users, on React, Spring Boot, and an internal React toolkit, while learning all technologies on the job.
- Worked as part of a 2-person team using an Agile development strategy to increase productivity.
- Conducted weekly stand-up meetings with team lead to discuss client requirements and stay on track.

Senior Computer Operator	Miami-Dade County Public Schools	June 2015-June 2018

Office of Assessment, Research and Data Analysis
- Redesigned and implemented changes to the county website using HTML and CSS, given free rein to optimize in areas seen fit.
- Wrote critical macros in VB to help streamline and speed up workflow, collectively saving weeks of work.
- Entering, verifying, and maintaining student standardized assessment records.
- Troubleshooting and discussing methods to overcome software and hardware hurdles for coworkers looking for creative solutions.

EDUCATION

Coral Gables, FL	University of Miami	Graduating May 2019

- B.S in Computer Science with minors in Mathematics and Japanese, expected graduation May 2019
- Coursework in: Intro to CS I & II, Computer Architecture, System Programming in C, Operating Systems, Artificial Intelligence, Data Structures and Algorithm Analysis, Database Management and Design, Computer Networks, Machine Learning

Chiyoda, Tokyo, Japan	Sophia University (上智大学)	March 2017-August 2017

- Participated in a 4-month exchange program at Sophia University in Tokyo, Japan, where I undertook coursework in Linguistics, studies of Japanese society, International Relations, and Japanese language.

PROJECTS

- BlockRx – A medical billing web-app made to streamline and secure patient-doctor relations and communications, built on the Ethereum network using Solidity, connected to a MongoDB database. Developed as part of a 4-person team during a 36-hour hackathon (February 2018)
- Web-app made during JP Morgan's Code for Good 2017 challenge, meant to educate children on ocean conservation. Backend built on Python and MongoDB, with myself handling server and frontend communication in JavaScript and Node.JS. (October 2017)
- A virtual-reality application using IBM's Watson API made in Unity using C#, made to aid students in literary and poetic analysis through the use of a VR headset, developed as part of a 4-person team during a 48-hour hackathon (Early 2017)

LANGUAGES AND TECHNOLOGIES

- Proficient in Java, JavaScript, C, Python, HTML/CSS
- Prior experience with C#, VB, & SQL
- Technologies: Proficient in React.js, Node.js, Git, Familiarity with Spring, Maven, Oracle DB
- Native speaker of Spanish, limited working proficiency in French, conversational in Japanese