

Entry Level Software Engineer

Leon Rodriguez

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Github: <https://github.com/GuaBaiChi>

Portfolio Website: wip <https://tsx-portfolio-f3160dc5d5a3.herokuapp.com/>

Languages: English(native), Chinese(intermediate), Spanish(novice)



- Technical Experience

2021 – Current

- Contributed to an open source full-stack web application using TypeScript, NodeJS, and ReactJS for the frontend, Python Flask API for the backend, MySQL database, Docker for cross-platform support, and an Ubuntu Linux server hosting the service through nginx.

<https://tafers.net/>

2022 - 2023

- Contributed to an Open Source application integrating the Leetcode website with Discord by writing Object Oriented Python code to interact with Leetcode APIs, store user statistics and metadata in a NoSQL tinydb database, generate weekly challenges using custom algorithms, and managing releases through Asana's project management software.

<https://github.com/jacobmillsfl/trainingwheels-bot>

- Researched and presented white papers detailing advances in technology to university peers; multiple threads executing code, operating systems, The Dining Philosophers and a solution, advances in input/output devices, advances in file systems, data-at-rest encryption, and operating system security.

- Designed robust software requirements by modeling process workflows using flow diagrams and UML, creating use cases and unit tests, and determining timelines for implementation.
- Working with Linux on the Steamdeck and personal laptop to manage programs and files for games. Formatting drives, reinstalling OS, and troubleshooting software compatibility.

- Work Experience

2011 - 2021

10 years in China as a teacher of many ages as well as of various subjects.

- Skills

programming languages: **Python, Java, Javascript, Typescript, ReactJS, NodeJS**

Version control: **Git**, Github and Github desktop

Communication: Discord, Slack, Teams

Project Management: **Asana**

Operating Systems: **Windows 10**, Windows Subsystem for Linux **WSL**, and **Linux** Ubuntu.

Containerization: **Docker**

Web hosting: **Heroku**

- Soft Skills

Learning: Through my independent study, personal projects and own hobbies I am an avid learner and take the time to thoroughly plan a way to learn and absorb new ideas.

Communication: Through my past jobs and experiences I have taken an appreciation for different ways to communicate and listen in different ways to ensure an understanding of what I mean to say.

Adaptability: In my history of teaching I had to have to refocus with a different subject or class

Cultural competence: Being a foreigner in another land has many opportunities for learning and growth, as well as being able to enjoy a new language and food.

Working with teams: Not only with students, faculty and parents, but also with different a organization across different time zones via Zoom, email and more.

- Education

2022 – 2023

Bachelor of Science: Computer Science

University of the People, Pasadena, United States

<https://www.uopeople.edu/programs/online-bachelors/computer-science/>

2007 – 2011

Bachelor of Science: Political Science and History

Florida State University, Tallahassee, United States

<https://coss.fsu.edu/polisci/>

- Certificates

2022 Google Data Analytics

<https://www.coursera.org/professional-certificates/google-data-analytics>

Google UX Design

<https://www.coursera.org/professional-certificates/google-ux-design>

Google IT Support

<https://www.coursera.org/professional-certificates/google-it-support>

My credit for the above certificates:

<https://www.credly.com/users/leon-rodriquez/badges>

2019

CELTA: Certificate in Teaching English to Speakers of Other Languages

International House, Bangkok, Thailand

<https://www.cambridgeenglish.org/teaching-english/teaching-qualifications/celta/>