

Leon Rodriguez

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WORK EXPERIENCE

FLORIDA DIVISION OF EMERGENCY MANAGEMENT – TALLAHASSEE, UNITED STATES INFORMATION TECHNOLOGY HELP DESK – 2025/04/01 – 2025/07/01

- Three Month Contract*
- Imaged over 70 laptops within a two-week period to prepare for deployment.
 - Configured network switches to enable simultaneous laptop imaging from a centralized server.
 - Utilized various connection methods — including USB-C adapters, USB-A adapters, and direct Ethernet connections — to troubleshoot and verify device connectivity.
 - Used Active Directory to join newly imaged laptops to the domain and verify user account data for temporary employees was properly archived.
 - Transferred user data from older devices to newly issued laptops, ensuring a seamless transition with minimal disruption to workflow.
 - Installed and configured VPN clients on imaged laptops to establish secure government network connections. Provided password reset assistance and basic troubleshooting support for end users.
 - Set up complete workstation environments, including docks, dual or multiple monitors, and wireless mouse and keyboard setups.

SAINT MARY'S ONLINE ACADEMY – PORTLAND, UNITED STATES SUBJECT TEACHER – 2024/04/01 – CURRENT

- **Curriculum Delivery:** Teach live and record lessons in AP Computer Science and humanities such as AP US History, AP Psychology, AP World History.
- **Instruction & Support:** Guide students through coding projects, programming tasks, and historical analysis, offering feedback and assistance.
- **Assessment & Feedback:** Grade assignments and projects, track progress using LMS, and provide timely feedback.
- **Student Engagement:** Maintain communication via email, forums, and live sessions to ensure active participation.
- **Environment:** Taught online using Zoom, Classin and Jupiter, with 1:1 or small groups.

YINGHUA ACADEMY OF TIANJIN – TIANJIN, CHINA COMPUTER SCIENCE TEACHER – 2024/08/01 – 2025/03/01

- **Curriculum Delivery:** Develop and teach the structured Cambridge IGCSE Computer Science curriculum covering core computer science topics such as; algorithms, programming, data structures, hardware, software, and the societal impact of technology.
- **Programming Instruction:** Guide students in class on learning programming languages (Java, Python) and coding practices using Visual Studio Code
- **Practical Assessments:** Oversee projects and coursework, offering feedback and ensuring technical standards.
- **Exam Preparation:** Organize revision sessions, mock exams, and teach exam strategies.
- **Environment:** Taught in person, with up to 25 students per class

CHENGDU NUMBER 7 HIGH SCHOOL INTERNATIONAL DEPARTMENT – CHENGDU, CHINA TEACHER – 2017/08/01 – 2021/08/01

- **Literature Instruction (Canadian Curriculum, IGCSE):** Taught literature through diverse texts, fostering critical analysis and literary appreciation. Developed writing skills with a focus on essays, creative projects, and thoughtful discussions.
- **Social Studies (Canadian Curriculum):** Delivered lessons on Canadian history, geography, and civics, encouraging critical thinking and global citizenship through inquiry-based learning.
- **AP Human Geography:** Prepared students for the AP exam by exploring global patterns in population, urbanization, and economic systems, integrating case studies and data analysis.

VARIOUS SCHOOLS – MANY CITIES, CHINA FULL TIME OR PART TIME SUBJECT TEACHER – 2011/10/01 – 2021/08/01

- **English Subjects: IELTS/TOEFL/ESL,** Taught language skills, focusing on reading, writing, listening, and speaking.
- **High school and College Preparation: SAT/SSAT:** Prepared students for standardized tests with a focus on critical reading, math, and writing.
- **College level Content: AP History, Literature, and AP Computer Science:** Delivered lessons on historical events, critical analysis, and programming concepts.

• **Other subjects or curriculum as needed:** Instructed various age groups and class sizes, adapting lessons to meet individual needs.

● EDUCATION AND TRAINING

2022/12/01 – 2023/12/01 Pasadena, United States

BACHELOR OF SCIENCE IN COMPUTER SCIENCE University of the People

2007/07/01 – 2011/07/01 Tallahassee, United States

BACHELOR OF SCIENCE IN POLITICAL SCIENCE AND HISTORY Florida State University

● PROJECTS

Personal Projects

Software Requirements & Design

Designed robust software requirements by modeling process workflows using flow diagrams and UML, creating use cases and unit tests, and determining timelines for implementation.

Open Source Contribution – Leetcode & Discord Integration

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.

Full-Stack Web Application Development

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.

Linux System Management & Troubleshooting

Worked with Linux on the Steamdeck and personal laptop to manage programs and files for games, including formatting drives, reinstalling the SteamOS / ArchLinux, and troubleshooting software.

Personal Portfolio Website

I built my personal portfolio website using JavaScript and ReactJS, then completely refactored it into TypeScript for better maintainability and type safety. It has successfully been deployed on Heroku, GitHub Pages, and Azure, showcasing my ability to work with frontend frameworks, cloud platforms, and CI/CD pipelines.

Azure: <https://blue-stone-01a8ed00f4.azurestaticapps.net/>

Github: <https://guabaichi.github.io/tsxrepo/>

Personal Azure Cloud Developer & Experimenter

Building, deploying, and testing in the cloud

Developing and deploying applications using Azure services, including experimenting with cloud functions and GitHub Actions

Microsoft Certifications

Independently using Microsoft SaaS products, including concepts in AZ-900 Azure Fundamentals, AZ-104 Azure Administrator Associate, and MB-910 Dynamics 365 Fundamentals (ERP). I am actively studying course materials and practicing with Azure features on my own.

● PERSONAL DEVELOPMENT & CERTIFICATES

Personal Development

• IGCSE Computer Science Marking Workshop

Cambridge International

2024/11/01 – 2024/12/01 United Kingdom

Exam Marking Criteria and Assessment Standards: Gained a clear understanding of how IGCSE Computer Science exams are assessed, focusing on the key areas like clear concise answers.

Addressing Common Student Challenges: Gained insights into common student difficulties, such as misconceptions such as code and algorithms

Certificates

• Google UX Design

Google

2022/09/01 – 2022/09 United States

• Google IT Support

Google

2022/08/01 – 2022/08/31 United States

• Google Data Analytics

Google
2022/07/01 – 2022/07/31 United States

• **Cambridge CELTA** (Certificate in Teaching English to Speakers of Other Languages)
Cambridge
2020/01/01 – 2020/01/31 Thailand

● SKILLS

Programming Languages

R | Python | Java | JavaScript | TypeScript | HTML | CSS | Bootstrap | SQL | MongoDB

Tools & Platforms

Microsoft 365 | Microsoft Azure | Microsoft Dynamics 365 | Asana | JIRA | Git | Docker | GitHub | Heroku

● LANGUAGE SKILLS

• Native: English

- Intermediate: Chinese
- Beginner: Spanish