

## OSVALDO VAZQUEZ LARA

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### Highlighted Profile

- **Flexible:** comfortable switching between architecture, design and implementation. Comfortable working in teams or in a self-directed environment.
- **Passion and ability to learn new things quickly:** able to research different software tools to use in projects, self-taught myself AWS, Python, MySQL, Firebase, Unity, etc. As well as getting familiar with tools used in-house(Work) such as API's or JasperSoft Reporting.
- **Team worker/leader:** was a Project Manager designing and arranging project processes and getting team members to work together to finish products on time. In addition worked as a Technical Trainer guiding and consulting with clients to help them build their knowledge of different software tools.
- **Technology Proficiency:**
  - 4 years of Java, C++, C experience
  - 3 years of Python, Git experience
  - 2 years of C#, JavaScript, MySQL, SQL, HTML, CSS, Matlab, AWS, JSON, Linux/Unix, Unity, Firebase, Android Studio, XML, JSON, Shell, Adobe Creative Suite, ReactJS, NodeJs, Batch, API experience
  - 1 years of React, NextJS, Tailwind CSS, OpenAI (Embeddings, Vector Databases)

### Education and Training

**Bachelor of Science: Cognitive Science W/Spec Hum Comp Interaction 06/2021** University of California - San Diego La Jolla, CA • **Minor:** Computer Science

- **Cogs coursework:** Designing Human-Data Interactions, Data Science in Practice, Brain Computer Interfaces
- **Comp Sci coursework:** Software Engineering, Advanced Data Structures, Computer Graphics, Discrete Mathematics

### Work Experience:

**Corelation Inc | Technical Trainer | (08/2021 - currently working here)**

- Instruct, support and coach clients, vendors and staff in developing their knowledge of SQL reporting, User Interface and Batch Script development using JavaScript and Java programming, KeyBridge API development and integration, Forms, Scrum and Agile Methodology, and KeyStone Server Administration.
- Analyze client training needs to identify training gaps and develop future technical course offerings.
- Maintain and continuously improve existing technical training courses, develop new program offerings and provide customized technical training classes based on client demands.
- Regularly contribute new documentation and review training materials for accuracy to improve student learning.
- Manage the Client Training calendar; ensure registrations are complete and clients are informed of upcoming classes and general information related to technical training.
- Developed internal scripts to automate work tasks processes. **Utilized:** JavaScript, Java, SQL, XML, JSON

### Personal Projects/School Projects:

**WhatNow | Personal Project | 01/2023 to 11/2023 | Remotely, CA**

- Developed a Web Application that helps a user generate a plan based on their preferences.
- Incorporated NextJS as the main framework, added tailwind to style to the webpage.
- Used Google Place API to gather place information by using nearby search.
- Used OpenAI API to generate a plan based on the criteria passed in by the end user.
- Used PostgreSQL to store user data, and designed the UI using Figma.

- Utilized: NextJS, Tailwind, Google Place API, OpenAI API, Figma, and PostgreSQL

### **Online Banking Platform | Personal Project | 09/2021 to 11/2021 | Remotely, CA**

- Developed an Online Banking Interface utilizing a banks test database to display a user account information.
- Incorporated Javascript to fetch the information from the database using an API call.
- Then displayed the information using a EJS template together with CSS to format and customize the user interface.
- Used Post request and response to constantly update the information on the website in real time.
- Fully capable of doing login, transfer, account summary, and logoff.
- Utilized: Node.js, Fetch, JavaScript, HTML, EJS, CSS, XML, API network connection

### **MultiVerse Math 12/2020 to 03/2021 UCSD Remotely, CA**

- Worked with a client to bring their vision of a math game that incorporates common core standards for all K-12 into a simple to use web app/mobile app. Websites: [multiversemath.me](https://multiversemath.me) and <https://bit.ly/3tluijd>
- Built a high-fidelity prototype based on all the requirements listed by the client. User Testing, Personas, Low-Fidelity Prototypes, Added Animation to our UI/UX design.
- Utilized: UI/UX design components to design a math game interface

### **Translator System + Flash-Cards | Personal Project | 12/2019 to 3/2020 | West Covina, CA**

- Developing an interactive translator system using Python that allows the users to store translated words and review them as flashcards
- Incorporating AWS:Translate to translate words and MySQL to store the words into a database
- Added an Image Text Recognition by utilizing AWS:Rekognition that takes words from the image and translates them.
- Utilized: AWS:Translate and Image Recognition, MySQL, Python

### **GeoLocation Battle Royal Mobile Game 08/2019 to 12/2019 UCSD La Jolla, CA**

- Developed an Mobile App using Unity and C# that allows users to interact with each other in real time • Integrated Firebase authentication software to build a LogIn/SignUp system
- Designed the UI elements with Photoshop
- Designed a basic database schema that incorporated all the games components
- Utilized: Unity, C#, Firebase real-time DB/ Authentication, Photoshop

### **SDHacks(Android Snake App) 10/2019 to 10/2019 UCSD La Jolla, CA**

- Developed an Android App using Android Studio and Java that allows the user to play a redesigned version of snake
- Designed the UI of the app as well as basic implementation of the methods that linked the graphics with the backend code.
- Utilized: Android Studio, Java, XML, Photoshop, Vim
- GITHUB: <https://tinyurl.com/y6k8jq9t>