

## **Jesus E. Chavez**

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Jchavez248 | Github Jesus (Eduardo) Chavez | LinkedIn

### **TECHNICAL SKILLS/TOOLS**

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- Java, HTML, PHP, SQL, Python, Visual Basic, CSS, & Javascript
- IDE: Eclipse, IntelliJ, PyCharm, Microsoft VS & VS Code
- OS: Window & Ubuntu
- Microsoft Office
- API Implementation
- Oracle VM
- Object Oriented Programming
- OS Installation & Configuration
- Unit Testing
- Git/Github
- Discrete Structures & Data Structures
- Linux Shell Commands

### **EDUCATION**

***BS in Computer Science — CSU Dominguez Hills***

***December 2021***

Relevant Degree Coursework:

- Computer Organization, Computer Networks, Data Management, Compiler Construction, Software Engineering, Operating Systems, Analysis of Algorithms

### **WORK EXPERIENCE**

***Coding Instructor — Code Ninjas, El Segundo, CA***

***January 2022 - Present***

- Coding instructor for children ages 5 to 15 on various STEM related activities from robotics to creation of games using basic math, Python, HTML and Javascript fundamentals.
- Implementing SCRATCH extensions for teaching smart train logic/mechanics
- Teaching block-based coding and event driven programming
- Hosting STEM related Camp Events (Cryptography lessons, etc.)

### **MISCELLANEOUS PROJECTS**

***Movie Management Database***

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- Created a project to simulate a real business environment around movie creation and management where various SQL sub-query techniques, like advanced table joins, were used to help manage and analyze movie finances, editing, producing, directing, and acting amongst evolving release dates. As a result, combination and organization of data provided for better business decisions by grouping data based on movie budget, editing costs and producing costs.

***POS System Design (Front End Development)***

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- This project was created for the purpose of learning to design a POS system using the concept of event driven programming and an open source development framework. This project makes use of .NET Framework tools, specifically the windows forms toolbox and Visual Basic language, to help develop and design the POS System.