

# MANUEL HERRERA

## > CONTACT

Merced, CA  
mherrera.jm@gmail.com  
[www.manuelherrera.dev](http://www.manuelherrera.dev)  
[www.linkedin.com/in/herrera-manuel](https://www.linkedin.com/in/herrera-manuel)  
[www.github.com/herreramanuel](https://www.github.com/herreramanuel)  
714 . 398 . 2109

## > EDUCATION

**California State University,  
Sacramento**  
B.S. Computer Science  
May 2020

## > SKILLS

**Programming &  
Scripting Languages**  
C++, Java, Kotlin, JavaScript, Python

## > WORK EXPERIENCE

### **Database Administrator Intern**

Sacramento County Department of Technology | Sacramento, CA  
*Oct 2019 – Oct 2020*

- > Refactoring the front-end and back-end of an existing Shared SQL billing application in C# and writing documentation. Improving security practices when accessing Microsoft SQL servers.
- > Convert an email parsing Java application to Kotlin to generate daily reports of servers that require maintenance using Logi Analytics.
- > Enabling point-in-time recovery and writing backup scripts for multiple production PostgreSQL databases.
- > Assign and follow-up on tasks I assign out to the team for an Oracle Cloud testing project. Attend monthly meeting with shareholders to report status of the project.

### **Web Accessibility Developer**

California Department of Health Care Services | Sacramento, CA  
*Jun 2019 – Aug 2019*

- > Remediated DHCS' website for accessibility following Web Content Accessibility (WCAG) 2.0 Level AA standards using Equidox to review PDF content.
- > Identified accessibility issues in web applications with Siteimprove.
- > Remediated web related issues in SharePoint.
- > Collaborated in website management meetings and user experience design sessions.

### **Staff Services Analyst**

California Department of Tax and Fee Administration | Sacramento, CA  
*Feb 2018 – Jun 2019*

- > Managed the Unworkable Cases Inventory and generate monthly reports on updated cases to be assigned to Settlement Officers for settlement negotiations.
- > Developed procedures and workflows to optimize time processing incoming proposals and conducting research within the newly acquired Centralized Revenue Opportunity System (CROS).
- > Efficiently processed 120+ backlogged cases that resulted from a legacy computer systems transition.

## > PROJECTS

### **Academic Auditor**

*Sept 2019 – May 2020*

- > Develop a web application, using MERN stack, that streamlines the process of collecting and recording confidential curriculum assessment data about student performance in upper division courses for the Department of Computer Science at the California State University, Sacramento.
- > Build front-end layout and an administrator view using React.
- > Create databases for ad hoc accounts and student outcomes using MongoDB.