

CARLOS HERNANDEZ

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EDUCATION

B.S. Computer Science & Engineering | University of California, Merced, CA

AUGUST 2011-MAY 2015

Cumulative GPA: 3.71



WORK EXPERIENCE

Senior Programmer Analyst | San Joaquin Valley Air Pollution Control District, Fresno, CA

NOVEMBER 2018 – PRESENT

- Key role includes development of the District's Grant Management System, Labor Information System, along with development of public-facing web applications for the District's Grant & Incentives department programs.
- Lead role in several initiatives aimed at improving the programming team coding practices and collaboration methods. This includes the development of an ASP.NET Core training curriculum for the entire programming team. Another lead role includes the development of agile methodology training documents with the adoption of GitLab, a project management and source code application.
- Identified development bottlenecks and created a front-end template for the programming team in order to standardize all public grant web applications. Usage of the template cut front-end development time by about 50%.
- Full-stack developer who works closely with project management to ensure the applications built are responsive, intuitive, and easy to use to provide the best customer service for Valley residents.

Application Programmer II | University of California Merced - Center for Educational Partnership

SEPTEMBER 2015 - NOVEMBER 2018

- Develop and maintain the CEP web-based student information system housing its federal, state, and private funded programs.
- Work closely with program directors and management to create and develop automated tools according to their specific program reporting needs. This requires familiarity with all grant programs and their objectives in order to embed all rules into each system.
- Lead developer for several long-term projects such as revamp of the Parent Empowerment Program, management and staff dashboard, student survey builder, and building a new CEP homepage.



RELEVANT SKILLS AND TECHNOLOGIES

- Full-stack web developer experienced with the following technologies:
 - Front-end: HTML, JavaScript, jQuery, CSS
 - Back-end: .NET, ASP.NET Core, Adobe ColdFusion, PHP
 - Database: Microsoft SQL Server, MySQL
- Other programming languages skilled in: C/C++/C#, Java



MISC

- Bilingual in both English and Spanish.
- Team player who is always willing to help as much as I can.