

Gerardo Vela

SKILL SET

- **Programming Languages:** Prolog, Java, C#, Python
- **Web Development:** PHP, HTML, JavaScript, Bootstrap
- **CMS:** Joomla, Cascade Server, WordPress, CivicLive
- **Operating Systems:** Windows, Linux
- **Adobe:** Illustrator, InDesign, Photoshop
- **Version Control:** GIT, SVN
- **Web Servers:** IIS, WAMP
- **Databases:** SQL, MySQL, HeidiSQL, Oracle
- **Asset Management:** ArcGIS, Infor Public Sector
- **Game Engines:** Unity
- **Graphics Software:** Blender
- **VR Development:** Oculus Quest, Oculus Rift
- **Reporting Software:** Crystal Reports, Actuate Reports
- **Other:** Latex, Horizon LIMS
- **Languages:** Spanish, English

WORK EXPERIENCE

El Paso Water Utilities, El Paso TX — *Programmer Analyst*

March 2018 - Present

- Responsible for maintaining, improving, and evaluating existing systems such as Hansen, Horizon LIMS, and Intranet. Assist in the implementation of the new EPWater and TechH2O websites using CivicLive Content Management System.
- Prepare complete and precise instructions for end users. Provide technical assistance to operations and programming personnel by analyzing information, work procedures, and job methods to solve software problems.
- Review and approve proposed program logic. Ensure websites are mobile responsive, tested, and documented before release.
- Train end users in capabilities of their systems, and guide them in dealing with related issues and problems.
- Prepare Crystal and Actuate reports with SQL queries.

El Paso Water Utilities, El Paso TX — *Computer Programmer*

July 2017 - March 2018

- Responsible for preparing documentation for each program and developing methods for establishing administrative controls.
- Evaluate and modify existing programs to achieve new objectives. Develop, implement and enforce procedural standards for programming activity using Python on ArcGIS.
- Analyze information processing requirements of user departments. Estimate and document resource requirements for input handling, processing and output preparation for each system function.
- Responsible for gathering information from users to test existing functionality.

Susan Eisen Fine Jewelry & Watches, El Paso TX — *Web Developer*

May 2017 - July 2017

- Responsible for designing, coding, and modifying websites with HTML, CSS, and Wordpress. Responsible for fixing responsiveness of websites with CSS code and widgets.

- Creating website layout/user interfaces with standard HTML/CSS practices. Edit photos with Adobe Photoshop and edit videos with Windows Movie Maker.
- Responsible for developing comprehensive application testing procedures. Communicate project status with the supervisor and client.

Instructional Media Services EPCC, El Paso TX — Audio Visual and IT Assistant

June 2012 - February 2016 / March 2017 - July 2017

- Responsible for setting up and installing equipment such as projectors, microphones, sound speakers, video screens, connecting wires and cables, and video monitors to classrooms and for events such as meetings and presentations.
- Responsible for fixing, checking, and updating computers from instructors, classrooms, and staff. Provided assistance in printed information onto transparencies, laminate printed materials, and duplicate audio/video tapes.
- Responsible for the installation and maintenance of computers and projectors. Responsible for repairing equipment, configuring software and hardware.
- Assist in diagnosing and correcting media systems problems. Assist in maintaining inventory of equipment. Provided assistance to set up tech rooms for instructors and students.

University Communications/Academic Technologies UTEP, El Paso TX — Web Application Developer

October 2015 - December 2016

- Responsible for writing well designed, testable, and efficient code with HTML and CSS. Assist in gathering project specifications and requirements.
- Assist in the development of the new University of Texas at El Paso website, Colleges websites, and Departments websites with Cascade Server CMS and Joomla CMS.
- Communicate project status with the manager and coworkers. Discussed with the supervisor critical changes based on feedback. Responsible for training new students to use Cascade Server and HTML.
- Corresponded to add tables with HTML and CSS. Assist in adding blocks and content types to the websites, and migrating content from the old website to the new website.
- Creation of self-assessed interactions using ActionScript 3 and Adobe Illustrator.

EDUCATION

El Paso Community College, El Paso TX — Associate of Arts in Computer Science

August 2011 - May 2014

The University of Texas at El Paso, El Paso TX — Bachelor Degree of Science in Computer Science and Minor in Math

August 2014 - December 2016

VOLUNTEER EXPERIENCE

El Paso Diocese, El Paso TX — Young Adults of the Diocese

July 2018 - Present

Young Adult leadership group for the Diocese of El Paso. Committed in training and forming young adults in their faith. Corresponded to create and maintain a website page for the group. Created a simple VR game with Unity for the Oculus Quest for a retreat where the player needs to find the Virgin Mary.