

Carlos Martinez

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EDUCATION

UNIVERSITY OF CALIFORNIA, MERCED
Bachelor of Science, Computer Science and Engineering

Merced, CA
AUGUST 2015 - May 2019

SKILLS AND ABILITIES

- PowerShell, CMD
- JAVA, C#, JavaScript, Python
- HTML, CSS, Bootstrap, WordPress
- Windows, Linux, Mac OS
- Laserfiche, Jotform
- Windows AD, MS Access
- Fluent in Spanish

PROFESSIONAL EXPERIENCE

VENTURA COUNTY PUBLIC DEFENDER
Office Systems Coordinator II

Ventura, CA
2021-Present

- Provided support to over 120 employees, including Account creation, deletion, Desktop support. Would ensure that day to day operations flowed properly while making improvements to the current systems. Worked with our VCIJIS developer to add new features to VCIJIS. QA Tested VCIJIS Builds. Maintained and created Laserfiche Forms and Workflows as well as the Public Defender WordPress Website.
- Participated in VCIJIS 2.0 RFPs proposals/committees/vendor selection process. Ran the Public Defender + Sheriff Video Court System. Automated many business processes with the use of scripts (**Python + PowerShell + C#**). Modified and tailored MS access database to match new requirements and proposed fixes. Worked with County IT departments to fix various department wide issues including Harmony security rules/filters, firewall rules, call routing.

MTZ CONSULTING SERVICES
Owner/Consultant

Santa Paula, CA
2020-2023

- Ran a family business, working in various branches of work. Worked with various businesses offering: web design, hardware repair, accounting, payroll, and tax preparation. Installed network (ethernet) cables for various businesses to create a Local Area Network which included various computers and security cameras. Installed various switches and verified that every device in the network was properly connected and with minimal signal loss.
- Fixed a multitude of devices from: Desktops, Laptops and Mobile Phones. Advised other businesses on what products would best be suited for their needs or if a new software or component would simply improve their hardware.

TATA CONSULTANCY SERVICES / FARMERS INSURANCE
Software Engineer

Woodland Hills, CA
2019-2020

- Worked in an Agile environment to support Farmers Insurance new Guidewire Policy Center. Focused on Rate/QA Testing to ensure State rollouts were calculating the correct premiums.
- Automated account creation and driver license generation for various states in order to increase the productivity of test teams.
- Used **Java**, **Selenium** and **Apache POI** in a **Data Driven Approach**.

ENGINEERING EXPERIENCE

UNIVERSITY OF CALIFORNIA, MERCED HACKATHON
Lead Engineer - AgFoodTech - 1st place

Merced, CA
May 2019

- Adapted the old Tamagotchi virtual pet into a new and healthy environment. Developed an Android Application where users would feed, groom and even take their pets on walks.
- The user uses their cell phone's camera to be able to take a picture of what they are eating and if they are outside, these images would then impact the users pet in a healthy or unhealthy way.
- This was all possible thanks to Google's Vision API which would allow us to input images and receive labels which determined what the image is about.
- Programmed with **Java**, **Google Vision AI** and **Google Firebase** using **Android Studio**.

MOBILE APP CHALLENGE – UC MERCED
Lead Engineer - Topcon Positioning Systems - 1st place

Merced, CA
January – May 2019

- Developed an Android Application where users would be able to upload 3D models and be able to view them on their mobile devices. Users were allowed to manipulate the 3D models and view selection sets within the model.
- Programmed with **Java** and **Autodesk Forge APIs** using **Android Studio**