

Alan Daniel Gaona Villa

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SUMMARY:

- Graduated from high school as a computer technician.
- About to conclude my professional career in Computer Systems Engineering and ethical practices in cybersecurity.
- Around 8 years into the world of technology, with good practices in related areas. With knowledge in software development, web development and with the specialty of computer security.
- Expertise in software development in Java following Software Requirements.
- Expertise in automating spreadsheet projects and/or Excel macros using VB.
- Experience in connecting and managing networks and servers.
- Experience in handling and administering virtual machines; VirtualBox / Oracle.
- Experience in web development and administration, using HTML, CSS and Bootstrap.
- Experience in cloud computing; installation and configuration of operating systems (Linux and Windows), ESXi and firewall.
- Experience in database management and administration.
- Experience connecting databases to web services and creating CRUD.
- Experience in port audits and network protocols.
- Experience in using Cisco Packet Tracer.
- Experience in using frameworks; Node.js and Vue.js
- Experience editing photos and videos at a medium level, using Premiere, Photoshop and Sony Vegas.
- Good experience using Corel Draw and Cinema 4D.
- Good experience using nmap and Wireshark for monitoring data capture and exploiting vulnerabilities in network protocols.
- Ability to work in groups as well as independently with minimum supervision and initiative to learn modern technologies and tools quickly.
- Ability to communicate and understand the problems that arise.

SKILLS:

- Coding Languages: C++, Java, JavaScript, HTML/HTML5, CSS, PHP, Visual Basic
- Frameworks: Node.js, Vue.js, Laravel
- Operating Systems: Mac OS, iOS, Windows, Linux, Android
- Software: Adobe packaging, Office packaging, Sony Vegas, Corel Draw, Cinema 4D, VMWare, VirtualBox, Visual Basic, NetBeans, UTM, FileZilla, XAMPP, Git
- Data Handlers: MySQL, PHPMYAdmin

PROFESSIONAL EXPERIENCE:

Client: Héctor Vergara Hernández

Duration: 6 months

Designation: Software/Web Engineer

- VBA was implemented in excel to calculate temperatures in the metallurgy career of the Instituto Tecnológico de Morelia, reducing times and costs for the calculation and graphing of materials at different temperatures. This helped optimize times in temperature calculations by approximately 90%.
- Correct errors and failures that appeared on the web and hosting server.
- Add content on the website, as well as create new web sections.
- Optimize the website for security and fast speed.

Client: Sports store

Duration: Around 2 months

Designation: Web Engineer

- Frontend development for a sports store, using the Vue.js and Bootstrap framework to make the page responsive for all devices.

Client: UNLA

Duration: Around 2 months

Designation: Computer Technician

- Installation and maintenance in networks and computer equipment.
- Maintenance and installation of network cabling to servers in different buildings of the institution.
- Maintenance and installation of software on computer equipment and verify the connection to the local network of the buildings and servers of the institution.

Client: Automotive mechanical workshop **Duration:** Actually

Designation: Mechanical assistant

- General service.
- Arming and disassembling of engines.
- Maintenance of brakes and suspensions.

EDUCATION:

Computing Systems Enginner - 2022
Instituto Tecnológico de Morelia - Morelia, Mich., Mexico

Computer Technician - 2017
Centro de Bachillerato Tecnológico Agropecuario No. 7

Electrical Technician - 2014
Escuela Secundaria Técnica No. 108