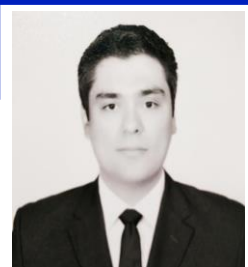


Francisco Flores

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STUDIES

Year: 2019-2021 **Graduate of Master's Degree in Multimedia Intelligent Systems**
Postgraduate Studies Ciateq

Year: 2014-2017 **Graduated in Computer Science Engineering**
University of Guadalajara

Year: 2002-2006 **High School Degree as Systems Technician**
College of Bachelors of the State of Jalisco

Languages: **Spanish:** Native
 English: Intermediate

Knowledge in Iot technology integrations with Web-Service/Api-rest platforms for electronic modules with 8, 16 and 32 bits wifi for arduino, pic esp32 and raspberry pi, Software (IDE): MCUXpresso (Family LPC), Arduino IDE, MPLab (PIC 16F886), Protocols I2C, UART, SPI, Wifi, RS232, Web-Sockets with MQTT.

Knowledge in PCB design for modular prototyping projects, demonstration and production with design programs such as Eagle and Fritzing, design of custom components for new modules, diagrams and schematics.

Knowledge in object-oriented programming and structured programming, C and C++ languages, Assembler, Arduino, C for embedded, micropython for wifi and gprs modules, Scripts with Python with Raspberry Pi, C# console, C# .NET, HTML/CSS, JavaScript, Bootstrap, PHP frameworks, Django Python, React JS, VPS configuration with DNS and NGINX.

Knowledge in databases such as SQL Server and MySQL-MariaDB, planning and creation of databases, use of queries for report generation, triggers and stored procedures management, SQL query optimization.

Knowledge in Linux operating systems such as Ubuntu, Debian, CentOS, Arch, Raspberry Pi among others, Windows Server 2016 and 2019, for both cases scheduled tasks or cron jobs, editors such as vi, vim and nano, in addition to local or VPS configuration hosting management for web projects, configuration of equipment for security alarms, DSC configuration of Hikvision DVRs recording equipment, access systems, ISABEL switches (Elastix) with CentOS and IP telephony, local network configuration, support and maintenance of computer equipment, VPNs configuration.

WORK EXPERIENCE

July 2019 - Nov 2021 **Galex Game, Technology Development Sector**
Technology Integration Engineer and IT Manager

Activities: management of technological projects derived from the design of hardware and software applied for the company, support, follow up of the same, implementation of development phases.

May 2016 - Jun 2019 **Intralix Satellite Monitoring, Security Sector**
Software and Hardware Development Engineer

Activities: development of web services for report management, web services for fuel load comparisons, services for port information replicator, IP TCP port communication between servers, custom electronic design using microcontrollers, integration with GPS devices as well as firmware updates, web domain and subdomain management, email accounts email account management, remote configuration remote VPN connections, support and maintenance of services.

ADDITIONAL TRAINING AND INTERESTS

PortFolio: <https://fjlic.com>

Publications:

<https://ciateq.repositorioinstitucional.mx/jspui/handle/1020/543>

<https://ciateq.repositorioinstitucional.mx/jspui/handle/1020/569>

LinkedIn: <https://linkedin.com/in/francisco-javier-flores-zermeño>

Repositories github: <https://github.com/fjlic>

Project IoT open source: <https://hotspot.fjlic.com>

Documentation IoT open source: <https://hotspot.fjlic.com/docs/1.0/overview>

Sports/Hobbies: Gym, keeping up to date with new technologies and improving my english level.