WOLFANG TORRES, ENGR.

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github.com/WolfangT • bitbucket.org/WolfangT

Mechatronics ■ Programming ■ Computer Networking

An Electrical Engineer, CCNA certificate, self-taught Freelancer Programmer, Mechatronics and 3D Printing enthusiast. Experienced in developing and shipping Web Apps and Administrative Software.
Passionate with writing Elegant Code and building Automatic Machines in my workshop.

Skills

- Programming: Python, JavaScript, C++, Shell, SQL, HTML, CSS, GCODE.
- Operating Systems: GNU/Linux, Windows.
- Web Software: Jenkins, dnsmasq, Apache2, Nginx, Lighttpd, MySQL, PostgreSQL, Flask, Django.
- Maker Abilities: Electronics, Robotics, CAD/CAM, 3D Printing, Laser Etching.
- Microprocessors: Atmega1281, ATmega2560, PIC18F2455 (Simulated).

Personal Information

Complete Name: Wolfang Alfredo Torres González   Cellphone: (+58) 0414-6221349

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Latest Relevant Experience

GTO Trainer (www.gtotrainer.com)
Senior Developer, 2018 – 2022
Acted as the main developer, taking the role of Frontend and Backend developer, DevOps and SysAdmin, and also coordinated a small group (2-3) of developers, for a complex webapp geared toward providing access to training tools for professional poker players using a subscription based monetization model.
- Development of custom binary formats for more efficient disk usage and data transmission.
- Complex multi threading system for data processing, and integration with industry-specific tools.
- Payment process implementing both traditional (stripe) and cryptocurrency (btcpay) methods.

Development of Custom 3D Printer, 2022
Designed and built a custom cartesian 3D printer (I3 style), using recycled and custom parts, running a custom version of the industry standard Marlin Firmware i modified to compile for an unsupported microprocessor (Atmega1281)

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Education & Credentials

Universidad Rafael Urdaneta, Maracaibo, Venezuela, 2022
Electrical Engineer

Certifications
- Cisco Certified Network Associate (CCNA) – January 28, 2013;
Verifiable at http://www.ciscocertificates.com/verify.cfm with code 413038649887BPWI
- Microsoft Technology Associate (MTA) – November 26, 2016;
Verifiable at verify.certiport.com with code nJJ7-XVNa

Other Relevant Certifications and Accomplishments:
- Participation on the V and VI National Robotics Competition, UNETBOTS 2015 y USBBOTS 2016
- ActionScript 3 Game Development (http://www.newgrounds.com/portal/view/664563)
- Applied Robotics Seminar
- MySQL Databases Specialization
- CISCO CCNP Route course
- CISCO CCNP Switch course
- CISCO CCNA Security course

Languages:
- Spanish: Mother tongue.
- English: Fluent, I have complete command of this language with perfect grammar.
- Brazilian Portuguese and Esperanto: Basic, I am only able to communicate in this language through written communication.
- Mandarin Chinese: Basic. Currently learning.