

Herzon Flores

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OBJECTIVE: Join a team of driven and skilled technology enthusiasts in innovating solutions that will change the world.

COMPUTER LITERACY

Linux, Windows, Mac; Visual Studio, Android Studio, Spyder3
C#, Python, C++, C; T-Sql, postgresql, sqlite3; Javascript, HTML, CSS

EDUCATION

Virginia Commonwealth University, Chemistry major, Biology minor

EMPLOYMENT HISTORY

Nuhanse, Gozo Malta

Executive Consultant February 2018 to August 2018

- Established **standard operating procedures** and development workflow for in house project development.
- Provided research and development of new products. Ex: Implemented a cryptographically secured global identity and claims PoC in **python** that has now become a flagship product developed using **NodeJS electron**.
- Managed client projects and development teams that needed organizational correction and coordination to meet project deadlines.
- Provided improved communication between client teams, applied technical and development expertise to quickly spec, design and implement development projects.
- Gave assessments of project progress and prior to managing them and after meeting project milestones.

Fusion - Allianz, Richmond Virginia, salaried full time

Developer in Test July 2017 to February 2018

- Familiarized with testing using **Postman**, **Ready API**, **Soap UI**, and **protractor**.
- Developed and implemented a browser based regression testing suite using **Selenium** and **C#** for new build pushes.
- Automated an API testing suit using **C#** for data caching and service deployment.
- Converted manual testing routines into automated, auditable and trackable test suites. Results were piplined as xlsx files via the **C# microsoft excel API** to a remote network location accessible by the management team and development analyst team..

EMPLOYMENT HISTORY CONTINUED



Dsd Partners, Midlothian Virginia, salaried full time

.Net Developer september 2014 july 2017

- Developed web apps for accountants to review and apply payments to batches of invoices using a custom grids with responsive designs.
- Automated customer service operations using **SMS gateways**, **IMAP protocol** and **WCF services** to support product support analysts.
- Developed web apps for account analysts to perform data curation and research on invoicing for legacy clients.
- Developed web apps for business analysts, managing relations between product manufacturers, distributors and stores. using a **responsive UI**, **JQuery** animations and geocoding.
- Recommended **application security** best practices.

Tech: Windows IIS 8, Windows SQL server 2008, 2012, Azure SQL, Visual Studio 2013 Pro with DevExpress suite.

Northrop Grumman, VITA CESC Chester Virginia, salaried full time

Cyber Incident Analyst, march 2013 to september 2014

- Provided 24/7 365 **network surveillance** for the Commonwealth of Virginia and ensured state agency compliance with Sec 501 [infosec policy](#).
- Developed python tools that analyzed and collected information on the **threat landscape** of various networks and subnets by inetwork events and collecting threat reports from **SIEM** tools
- Responded to cyber security attacks on the COV and provided **first and second level analysis** of cyber security events.
- Reported low level incidents, escalated medium tier incidents, escalated high security information leaks and intrusions to on call emergency CSIRC after risk assessment.
- Ensured compliance of security policy with government employees directly, coordinated technical actions with VITA **ISO**.
- Provided technical debriefs of incidents and intrusions in order to meet with SLA requirements agreed upon between Northrop Grumman and the COV.
- Tools: **Netwitness**, **Mcafee Enterprise SIEM**, **Vmware**, python packet analysis, web application firewalls, **FireEYE** malware sandbox analysis, malware instrumentation,



ENTREPRENEURIAL EXPERIENCE, EXTRA

Sicuro Innovations LLC

Co-founder, CTO, December 2016 to November 2018

- Accepted into **Mach37 startup accelerator** 2018 Fall cohort
- Designed and implemented an **edge security** and intelligence product for **IoT devices**.
- Built a raspberry pi **PoC** device with capabilities for autonomous ethernet and wireless **network monitoring and self-defense**.
- **PoC** housed a small web server hosting a UI showing user traffic origin and destination on google maps.
- **Github**: code base is private and can only be shown after signing a no compete and non disclosure agreement.

Tech PoC: Python, Django, iptables, hostapd, BSD linux

Tech Beta C, C++, Linux Kernel development, Netfilter, system.d

ProudSource, 345 Lincoln Ave, Palo Alto, CA

Co-founder, CTO, March 2015 to August 2016

Goal: A crowdfunding platform that aimed to democratize the investment market using revenue shares.

- Originated and implemented technology stack and development operations.
- Setup **n tier service architecture** in **AWS VPCs**.
- Implemented WCF data services as an API service layer using **C# .Net** and a **postgresql** backend.
- Made all technical hiring/firing decisions and lead development team.
- Defined requirements and specs.
- Led scrum sessions
- Architected **SQL** schema for business logic, accounting and application use for front end functionality.
- Integrated **API service layer** with several third party APIs, Braintree, Coinbase and **gmail APIs**.
- **Github**: code base is private and can be shown upon request.

CODE

Github: <https://github.com/jewishmexicanguy>

- This contains examples and projects that I have worked on, there are some on this profile that are also private but they can be shown at my discretion.

Jsfiddle: <https://jsfiddle.net/user/hflores/>

- This contains some examples of javascript animations.

TOOLS and HOBBIES

Metasploit, ethereum smart contracts, bash scripts, cryptography, selenium IDE, git, linux kernel, SSMS, pgadmin, Django, Visual Studio, Team Foundation Server, Emacs, slack, trello, market trend analysis, IoT, NodeJS, postman

References



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