Adán Villarreal

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                                                             adanvillarreal.github.io

EDUCATION

Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM)   Graduating in December 2019
Bachelor of Science in Computer Technologies   *GPA 95/100*

WORK EXPERIENCE

ITESM   Monterrey, N.L, Mexico
Information Security Intern   January 2016 - Present
- Found vulnerabilities in ITESM's institutional websites and servers such as XSS, SQL injection and remote access
- Automated vulnerability scans by developing Python scripts

MAJOR PROJECTS

Spydan   2016
A web spider that crawls shodan.io to get information about devices connected to the Internet and identify vulnerabilities
- Developed in Python using Scrapy, a python module for web scraping
- Retrieves services used, open ports and possible vulnerabilities

TesserCats   2015
A multiplatform desktop application that extracts personal information from a passport's image based on the alphanumeric key
- Developed the backend in Java
- Used Tesseract, Google's OCR engine, to extract the passport's text

AdminLogin   2016
A script that finds administrator or login sites given an URL or IP
- Developed in Python
- Bruteforces using a dictionary of common paths that lead to login

JoJo   2016
Small framework to scan Joomla! websites for vulnerabilities
- Uses joomscan, a script for Joomla! vulnerability scans
- Detects the CMS used by a website by scanning the HTML
- Retrieves the information from joomscan results logs for easier

SKILLS

LANGUAGES   **TECHNOLOGIES**
Spanish: native   *nix, HTML, CSS, Git, Nessus, Metasploit
English: 667/677 TOEFL
German: B1 Bestanden

PROGRAMMING LANGUAGES
1 yr.   C++
1 yr.   Java
6 mo.   Python
Basic   Javascript, Shell

AWARDS
Academic Talent Scholarship from ITESM.
Mention of Excellence in Prepa Tec CEGL (High School)