


Victor van der Kolk Alvarez

Junior Penetration Tester

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ABOUT ME

Ethical hacker looking for an opportunity to develop their skills within the industry.

Focus on finding bugs and vulnerabilities in systems, applications and websites and reporting the various ways they can be exploited.

Ongoing development through solving simulated environments in online platforms such as hackthebox.

PROJECTS

DEEP LEARNING TECHNIQUES APPLIED TO VIDEOGAMES

- Using and developing neural networks with Python using Tensorflow
- Using public APIs and data filtering

DEVELOPMENT OF INTELLIGENT AGENTS

- Application of NPC trajectory/behaviour algorithms

APPS FOR ANDROID MOBILES

- Touch applications using Java in Android Studio
- Augmented reality mini-games in Unity

WORK EXPERIENCE

STORE MANAGER - SNEAKERS IBERIA

11/2021 - 03/2023

- Motivating teams
- Set weekly goals and objectives
- Oversee brand policies and values
- Administrative management of the business

STORE CLERK - SNEAKERS IBERIA

06/2021 - 11/2021

- Development of communication skills with experience in sales and customer retention

WEBSITE

- Static **personal website** using HTML, CSS, JS
- Reports of solved **CTFs** sorted by platform

EDUCATION

JUNIOR PENETRATION TESTER

Elearn security - 2023

- Performed penetration tests on web applications, networks and systems using tools such as **Metasploit** and **Burp Suite**.
- Experience in **Windows Active Directory** enterprise environments, with skills in managing users, groups, security policies and access permissions.

CYBERSECURITY BOOTCAMP

TheBridge - Digital Talent Acelerator 2022 - 2023

- 500 hours of theoretical and practical computer security training
- Use of **Owasp Top 10** and **MITRE ATT&CK** methodologies
- Scanning web applications and systems with open source tools such as **Nmap**, **Metasploit** or **Wfuzz**.
- Log analysis, traffic capture or ram dump using **Splunk**, **Wireshark** or **Volatility**.
- **CI/CD** integration into development projects using github actions
- Penetration of known vulnerabilities using techniques such as **SQLI**, **XSS**, **IDOR**, **CRSF** or public and verified exploit research

VIDEO GAME DESIGN & DEVELOPMENT DEGREE

Universidad Jaume 1, Castellón, 2017 - 2021

- Programming in **bash**, **c#**, **c++**, **python** and **j**.
- Using **SQL** databases
- Custom project **API** integration
- **Linux** and **Windows** environments
- Communication protocols between systems