Andrés Valencia Téllez

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- Spanish
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PROFILE

Graphics programmer with knowledge on the latest APIs (**Vulkan**, **DX12**, **Metal2**, **WebGL2**) and modern rendering techniques, such as **PBR Shading**, **Multi-Threaded Command Recording**, **Multi-Draw Indirect**, **Compute Shaders**, etc. Experienced on projects for companies like **Starbreeze Studios**, **Amazon**, **HERE Technologies** and **Apple**.

WORK EXPERIENCE

Front-end Developer (Freelance) 04.2018 – present
HERE Technologies, Berlin, Germany

Currently working for the Berlin-based maps company as an independent consultant, mainly focusing on **WebGL** and **Front-End development**.

Graphics Programmer (Freelance) 02.2017 – 02.2018
Confetti Interactive Inc., Castellón de la Plana, Spain

Worked remotely from Spain for the San Diego-based **Real-time Graphics** consultancy company for a year. In this time, I was involved in:
- Internal tools' development.
- Starbreeze's **StarVR** SDK development.
- Amazon's **Sumerian** VR/AR web-platform development.
- Confetti's **The Forge** Metal2 implementation (macOS/iOS)

Shader Programming Intern 09.2016 – 01.2017
Digital Dreams, Utrecht, Netherlands

As an intern for **Digital Dreams**, I was involved in the development of different advanced rendering techniques such as:
- Terrain rendering.
- SDF ray marching.
- Real-time boolean operations.

Junior Researcher 03.2015 – 10.2015
Universitat Jaume I, Castellón de la Plana, Spain

EDUCATION

Video Game Design & Development 2012 – 2016
Universitat Jaume I, Castellón de la Plana, Spain

SKILLS

Technical
- Real-time Rendering
- Parallel Programming
- Front-end Development
- Version Control
- Bash

Programming Languages
- C/C++
- Javascript/Typescript
- C#
- Objective-C
- Python

Software
- Visual Studio
- RenderDoc
- Unity
- Xcode
- Photoshop

Languages
Spanish	Native
English	Professional
French	Elementary
German	Elementary

REFERENCES

Frauke Fritz
HERE Technologies, frauke@ffritz.net

Wolfgang Engel
Confetti Interactive Inc., wolfgang.engel@gmail.com

STRENGTHS

- Ambitious
- Adaptable
- Communicative
- Computer Graphics
- Detail oriented
- Team oriented

LINKS

Github

LinkedIn