

TIAGO VIGNATTI

Programmer & infoholic geek

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📍 Curitiba, Brazil

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EXPERIENCE

Graphics Software Engineer

Intel Corporation

📅 May 2011 - ongoing

📍 home-office based

- Designed an architecture for systems with shared physical memory to exploit the advantages of heterogeneous computing. This is now fully-upstreamed on Linux and also in Chrome OS, which is largely being shipped within Chromebooks and other products.
- Modified Chrome OS to make zero-copy texture uploads possible. In the best scenario the Web content can be loaded 38% faster, using 65% lower memory. This optimization is being shipped in millions of devices using Chrome OS on Intel Architecture.
- Ported Chrome to run on Wayland. Commercial products have been using it, including a smart TVs' multi-billion corporation and a Digital Signage for a fast food chain installed in more than 6,500 stores.
- Released the first version of the Wayland. As of 2016, the adoption of Wayland scales up to many millions of users and range from mobile, IVI / automotive, set top box / smart TV to Linux distributions.

Senior Software Engineer

Nokia

📅 May 2009 - May 2011

📍 Helsinki, Finland

- Worked in the Maemo operating system for building N900, the first Nokia smartphone running on Linux
- Developed MeeGo for N9, the N900 successor and critically-acclaimed Linux smartphone.
- Made contributions throughout the open-source graphics stack.

EDUCATION

MSc in Computer Science

Federal University of Paraná

📅 2007 - 2009

📍 Curitiba, Brazil

BSc in Computer Science

Federal University of Paraná

📅 2002 - 2006

📍 Curitiba, Brazil

LIFE PHILOSOPHY

"We routinize daily life in order to make its inherent chaos more manageable, then ritualize it in order to imbue its mundanity with magic, which by definition violates the predictable laws of the universe"

ACHIEVEMENTS



True computer scientist

From theoretical computer science, to master's degree in networks to graphics expert



Music Is The Best

I already played in many bands, wrote lyrics and have a tattoo in my leg written "Music is The Best"



Travelled to 25 countries

Americas, Europe and Asia. Work-in-progress: all around the globe.

SKILLS

Finnish language



Skateboarding



Football (not soccer!)



Cooking



League of Legends

