

CV – Janus Thorborg

Personal Information

Name: Janus Lynggaard Thorborg

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Musical work

I've been a practicing musician, producer and composer for over 16 years now, with the guitar as my main instrument. Having played in bands and constellations in virtually all genres, I've now settled on specializing myself in procedural and dynamic, interactive audio programming and sound design.

Programming skills

My primary language is C++ for 11 years now, and C# for 6 years. My work and projects in digital signal processing, audio plugins and game engine development has granted me vast experience in these areas:

- Crossplatform development and testing
- Real-time, SIMD- and deterministic code
- Multithreaded- and parallel code
- GUI and user interfaces, graphics
- Compiler technologies

I've also used software libraries like FMOD, JUCE, VST 2 & 3 as well as having knowledge of standard software design and procedure, source-control etc. To an lesser extent, I've been using JavaScript, HTML and CSS for web design, and languages like Python, AutoIT, x86-64 assembler and Visual Basic.

Education

- 2013 – 2017: Bachelor's degree at Media- and Sonic communication, Sonic College, Haderslev
- 2009 – 2011: Student from TH. Langs HF & VUC, Silkeborg
- 2008 – 2009: 10th grade at Femmøller Efterskole
- 1998 – 2008: Primary and secondary school at Funder Skole, Silkeborg

Work experience

- 2016 - now: Audio programmer at Unity Technologies, Denmark
- 2011/10 - 2012/08: Technician / renovator at Arepa Denmark
- 2010/05 - 2010/08: IT-supporter at Social- og Sundhedsskolen, Silkeborg

Musical education

- 2009 – 2010 Music C, TH. Langs HF & VUC, Silkeborg
- 2008 - 2009: Guitar, singing, choir, rhythmic music, dance, Femmøller Efterskole
- 2005 – 2008: Den Kreative Skole ("The Creative School"), Silkeborg
 - Individual guitar teaching, 3 years
 - Band teaching, 2 years
 - Extended guitar group, 2 years
- 2003 – 2008: Individual guitar teaching for 3 years + music subjects all years, Funder Skole

Software experience

- Ableton Live - 8 years
- FL Studio - 9 years
- Logic - 3 years
- Pro Tools - 2 years
- Unity3D - 5 years
- Max/MSP and PureData, 3 year
- NI Reaktor, 1 year
- XCode, Visual Studio, OllyDBG, Intel VTune, LLVM
- Word, PowerPoint, Excel
- Photoshop

Language skills

- Danish - fluent in written and spoken
- English - fluent in written and spoken
- German – conversational level

Other

- Driver's license B

Hobbies and interests

I've always been interested in technology. Previously I've been building my own speakers and computers, restored instruments and messed around with soldering irons and electronics. I like reading books, spending time with friends and family.

I've always interested myself in physics and chemistry, and I avidly read about everything from geology, history, acoustics to quantum mechanics - but also fiction. Besides that, I'm an aspirational but down-to-earth kind of guy, who enjoys cooking, discussions and a good movie.