

Aron Rocco Petritz

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Education

01/10/20 started bachelor's programmes *Electrical Engineering and Audio Engineering* and *Information and Computer Engineering*
20/03/25 obtained Bachelor of Science in 'Electrical Engineering and Audio Engineering'

Experience

summer 2018	robotics internship at <i>University of Klagenfurt</i>
since 01/06/2021	sound and light technician at <i>Theatercafé Graz</i>
01/07/2022 - 31/03/2023	internship as digital verification engineer at <i>Infineon Technologies</i>
01/07/2023 - 30/06/2025	student representation chair for 'Electrical Engineering and Audio Engineering'

Spoken Languages

German	native
English	C2
Serbo-Croatian	B2
Italian	A2
Spanish	A1

Programming Languages

C++	●●●●●●
Python	●●●●●●
C	●●●●●●
Matlab/Octave	●●●●●●
SystemVerilog	●●●●●●
LaTeX	●●●●●●
C#	●●●●●●
JavaScript	●●●●●●

Software

Studio One	●●●●●●
Reaper	●●●●●●
Affinity Software	●●●●●●
Linux Environments	●●●●●●
Pure Data	●●●●●●
Blender	●●●●●●
DaVinci Resolve	●●●●●●
Room EQ Wizard	●●●●●●
Godot	●●●●●●
SketchUp	●●●●●●
SuperCollider	●●●●●●

Other Interests

music composition
photography (analog and digital)
videography
game design
electronics (RPI/ESP32/Arduino)
3D audio

Latest Project: gemuPG - A Generative Music Poly* Grid (using C++ and SDL3)
(<https://git.iem.at/aronpetritz/gemupg/-/releases>)