

Contact info

+49 17666841568

iason.svoronoskanavas@gmail.com

Dresden, Germany

Links

[LinkedIn](#)

[Web-page](#)

[Github](#)

Skills

C++

DSP

Python

Git

MATLAB

Hardware Prototyping

Languages

Greek (Native)

English (Working Proficiency)

German (A2)

Swedish (Basic)

Iason Svoronos - Kanavas

Embedded Software engineer & DSP specialist

MSc by Research student in Computer Science and Informatics

Work Experience

Software Engineer, Joynext GmbH

May 2024 - Now, Dresden, Germany

- DSP specialist in automotive infotainment, leading full-cycle development from SW requirements to implementation & testing.
- Expertise in embedded Linux development, ARM & DSP architectures, debugging, performance optimisation and issue resolution
- Experience in software architecture design, requirement analysis, unit testing, documentation.

Internship Linköping University

Mar - Jul 2022, Norrköping, Sweden

- Contribution: Disturbance Free Cities project. Development of an audio-visual analysis framework for exploring various sensor data

Internship Institute of Electronic Music & Acoustics

Sep 2021 - Feb 2022, Graz, Austria

- Development of DSP algorithm for real-time auditory feedback of an Augmented Floor, a wooden floor with in-built PyzoFlex [®] provided by Joanneum Research Digital
- Conducted a subjective comparative evaluation test for two DSP onset detection algorithms, sound quality, and UX

Education

University of Huddersfield Jan 2023 - Now

MSc by Research in Computer Science & Informatics | [Annoyance Perception in Acoustic Vehicle Alerting Systems for Electric Vehicles](#)

Ionian University Sep 2018 - Jun 2021

BSc in Sound Technology | Grade: 9.31/10 (+ National Award)

Hobbies

Rock climbing, Music, and Exploring World Culture