

Dimitri Aatos Ellinas

Curriculum vitae

Personal Data

Website		dimitriaatos.info
GitHub		https://github.com/dimitriaatos/
Vimeo		https://vimeo.com/user75500171
Music		YouTube SoundCloud

Education

2020 – 2025		Interactive Media Technology
At		<i>School of Electrical Engineering and Computer Science, KTH Royal Institute of Technology, Stockholm, SE</i>

2010 – 2020		Composition of Electronic Music
At		<i>Department of Music Studies, Ionian University, Corfu, GR</i>

Oct 2015 – June 2016		Erasmus+ exchange
At		<i>Music Technology and Innovation, De Montfort University, Leicester, UK</i>

Languages

Greek		Native
Finnish		Native
English		Professional proficiency

Programming skills

Typescript, JavaScript, HTML, CSS, Nodejs, Reactjs, Next.js, Vuejs, Nuxt.js, Web Audio API, Web MIDI API, Max/MSP, Max for Live, Faust, bash, git, Typst, Rust, nushell

Work experience

2022 – ongoing | Front end developer

At | RenderSimple

Role | Front end development and UI design on bank teller software. External partner at Eurobank. Working with Agile development methodologies.

Tech used | Reactjs, JavaScript

June – Nov 2021 | Research Assistant

At | KTH Royal Institute of Technology

Role | Front end development and UI design for a sonification and body motion analysis experiment presented in Tekniska Museet, Stockholm.

Tech used | JavaScript, Vuejs, Nodejs, Electronjs

Link | <https://www.kth.se/hct/mid/research/smc/projects/sonao-1.895500>

Websites

2024 | Rosa Iliou

– | Archive website containing photographs documenting the works of Greek sculptor Rosa Iliou.

Tech used | Typescript, Next.js, Reactjs

Link | <http://rosailiou.com>

Source | <https://github.com/dimitriaatos/rosa-iliou>

2022 | Sonic weather station

– | Generative music website for [Stavros Gasparatos](#)' piece, using live weather data. Part of the [112, CLIMATE TONE](#) project. Internationally presented in Seoul, Istanbul and London.

Tech used | JavaScript, CSS, HTML, Web Audio API, Reactjs

Link | <http://sonicweatherstation.online/>

Source | <https://github.com/dimitriaatos/sonic-weather-station>

2020	Loskop radio
-	An online radio station for the experimental music collective <i>Kedimoura</i> . Hosting live and on-demand content.
<i>Tech used</i>	Typescript, Nuxt.js, Vuejs, HTML, CSS
<i>Link</i>	https://loskop.radio/
<i>Source</i>	https://github.com/dimitriaatos/loskop.radio

Software

2025	mpe-state
-	State management for MIDI Polyphonic Expression (MPE).
<i>Tech used</i>	Rust
<i>Source</i>	https://github.com/dimitriaatos/mpe-state
2025	Prepared (master's thesis)
-	<i>Prepared</i> is a <i>Max for Live (M4L)</i> device developed as part of my master's thesis at KTH Royal Institute of Technology.
<i>Tech used</i>	Max for Live, Typst
<i>Source</i>	https://github.com/dimitriaatos/prepared
2022	Velkey
-	A <i>Max/MSP</i> abstraction that adds velocity sensitivity to computer keyboards by using the amplitude of the keypress sound to determine velocity.
<i>Tech used</i>	Max/MSP
<i>Source</i>	https://github.com/dimitriaatos/velkey/
2017	Generative Radio
-	An online radio station that generates music by playing sounds hosted on Freesound .
<i>Tech used</i>	Typescript, Web Audio API, HTML, CSS
<i>Source</i>	http://github.com/dimitriaatos/generative-radio/

2017	Mapping Network
	An application for making complex controller-to-software MIDI mappings, aiming to mimic the overlapping one-to-many and many-to-one gesture-to-sound mappings that exist on acoustic musical instruments.
<i>Tech used</i>	JavaScript, CSS, HTML, Electronjs, Web MIDI API, Reactjs
<i>Source</i>	https://github.com/dimitriaatos/mapping-network/

Distinctions

7-9-2025	London Music Technology Hackathon
	– Winner of the ABRSM challenge .
<i>Tech used</i>	python, OpenL3, Vue
<i>Link</i>	https://devpost.com/software/abrs-challenge-jjd/
<i>Source</i>	https://github.com/rollersteaam/abrs-challenge-2025