

# Dimitri Aatos Ellinas

Curriculum Vitae

## Personal Data

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Website: | [dimitriaatos.info](http://dimitriaatos.info)  
GitHub: | [dimitriaatos](https://github.com/dimitriaatos)  
Vimeo: | <https://vimeo.com/user75500171>  
Music: | [SoundCloud](#) [YouTube](#) [SoundCloud \(under an alias\)](#)

## Education

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**Aug 2020 - Jun 2024** | **Interactive Media Technology**  
At | *School of Electrical Engineering and Computer Science, KTH Royal Institute of Technology, Stockholm, SE*

**Oct 2010 - Aug 2020** | **Composition of Electronic Music**  
At | *Department of Music Studies, Ionian University, Corfu, GR*

**Oct 2015 - June 2016** | **Erasmus+ exchange**  
At | *Music Technology and Innovation, De Montfort University, Leicester, UK*

## Languages

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Greek: | Native language  
Finnish: | Native language  
English: | IELTS score 6.5

## Programming Skills

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Typescript, JavaScript, HTML, CSS, Nodejs, Reactjs, Vuejs, Next.js, Nuxt.js, Electron, Regular Expressions (regex), bash, git, Max/MSP, Faust, Web Audio API, Web MIDI API

## Work experience

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**Mar 2022 - ongoing** | **Front End Developer**  
At | RenderSimple  
Role | Front end development and UI design for a bank's intranet applications.  
Tech used | Reactjs, JavaScript, Material UI, Ant Design, Figma

**June - Nov 2021** | **Research Assistant**  
At | KTH Royal Institute of Technology  
Role | Front end development and UI design for an interface displayed in a museum exhibition/experiment.  
Tech used | JavaScript, Electronjs, Vuejs, Nodejs  
Link | <https://www.kth.se/hct/mid/research/smc/projects/sonao-1.895500>

## Websites

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**2024** | **music to compose music to**  
- | A web art website designed by [Zack Dawson](#).  
Tech used | Reactjs, Nextjs, Tonejs  
Link | [musiccomposemusic.com](https://musiccomposemusic.com)

**2024** | **Rosa Iliou Archive**  
- | An online archive of Rosa Iliou's work, designed by [Angelina Stavela](#).  
Tech used | Typescript, Reactjs, Nextjs, GraphQL, Directus  
Link | [rosailiou.com](https://rosailiou.com)

**2024** | **dimitriaatos**  
- | My personal website.  
Tech used | Reactjs, Nextjs, GraphQL, Strapi  
Link | [dimitriaatos.info](https://dimitriaatos.info)

**2022** | **Sonic Weather Station**  
- | Generative music website for [Stavros Gasparatos](#)' piece, using live weather data.  
Role | Design and development of the website.  
Tech used | Reactjs, Tonejs  
Link | [sonicweatherdata.online](https://sonicweatherdata.online)

<b>2021</b>	<b>Loskop radio</b>
-	A website for an online radio station.
<i>Tech used</i>	Vue, Vuex, Gridsome, Directus
<i>Link</i>	<a href="https://loskop.radio">https://loskop.radio</a>
<b>2020</b>	<b>Symvanta</b>
-	A listening experience website for the work of <a href="#">Giorgos Stavridis</a> .
<i>Tech used</i>	Javascript, HTML, CSS, Fullscreen API
<i>Link</i>	<a href="https://symvanta.xyz">https://symvanta.xyz</a>

## Software

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All my software projects can be found on my [GitHub](#) and my [Max for Live](#) profiles.

<b>2021</b>	<b>Tartini</b>
-	A <i>Max for Live</i> MIDI effect for playing combination tones.
<i>Tech used</i>	Max/MSP, Midi Polyphonic Expression (MPE)
<i>Link</i>	<a href="https://maxforlive.com/library/device/7478/tartini">https://maxforlive.com/library/device/7478/tartini</a>
<b>2022</b>	<b>velkey</b>
-	A Max/MSP abstraction that adds velocity sensitivity to computer keyboards.
<i>Tech used</i>	Max/MSP.
<i>Code</i>	<a href="https://github.com/dimitriaatos/velkey">https://github.com/dimitriaatos/velkey</a>
<b>2019</b>	<b>Mapping Network</b>
-	A standalone application for making complex MIDI controller-to-software mappings for musical purposes. Aiming to mimic the overlapping one-to-many and many-to-one gesture-to-sound mappings that exist on acoustical musical instruments.
<i>Tech used</i>	JavaScript, Electronjs, Reactjs, Reduxjs, Nodejs
<i>Code</i>	<a href="https://github.com/dimitriaatos/mapping-network">https://github.com/dimitriaatos/mapping-network</a>
<b>2019</b>	<b>Max API or Not</b>
-	A module that allows error-free running of <i>Node for Max</i> scripts, that use <code>max-api</code> , outside of <i>Cycling '74's Max</i> . Meant to be loaded instead of <code>max-api</code> .
<i>Tech used</i>	JavaScript, Nodejs
<i>Code</i>	<a href="https://www.npmjs.com/package/max-api-or-not">https://www.npmjs.com/package/max-api-or-not</a>

<b>2019</b>	<b>SyncWatch</b>
-	A Node for Max project that hosts locally a stopwatch website, synced across devices and controlled via Cycling'74's Max.
<i>Tech used</i>	JavaScript, Nodejs, WebSocket, Max/MSP
<i>Code</i>	<a href="https://github.com/dimitriaatos/syncwatch">https://github.com/dimitriaatos/syncwatch</a>
<b>2017</b>	<b>Generative radio</b>
-	An online radio station that generates music by playing sounds hosted on freesound.org
<i>Tech used</i>	JavaScript, CSS animation, SVG, Freesound API.
<i>Code</i>	<a href="https://github.com/dimitriaatos/generative-radio">https://github.com/dimitriaatos/generative-radio</a>
<b>2015</b>	<b>Maqamono</b>
-	A Max for Live device for making microtonal tunings in monophonic synths. Maqamono makes use of MIDI pitchbend.
<i>Tech used</i>	Max/MSP
<i>Link</i>	<a href="http://maxforlive.com/library/device/2975/maqamono">http://maxforlive.com/library/device/2975/maqamono</a>

## Talks

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<b>20 Nov 2021</b>	<b>Generative Soundscape Radio: generative soundscape composition</b>
<i>By</i>	Dimitri Aatos Ellinas, Giorgos Mizithras, Giorgos Stavridis-Kotsikonas
<i>At</i>	6th Conference of Acoustic Ecology, Aristotle University of Thessaloniki, GR
<b>8 Oct 2018</b>	<b>An Accessible Electronic Game based on Vocal Feedback</b>
<i>By</i>	Dimitrios Makrigiannis, Andreas Floros and Dimitri Aatos Ellinas
<i>At</i>	9th National Conference ACOUSTICS 2018, University of Patras, GR
<b>26 Nov 2017</b>	<b>Mapping Based on Acoustic Musical Instruments</b>
<i>At</i>	11th Audiovisual Arts Festival, Athens Concert Hall, GR

## Installations

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<b>2015</b>	<b>black_blank_loaded</b>
-	Audiovisual installation for four computer controlled slide projectors.
<i>At</i>	MTI, De Montfort University, Leicester, UK
<i>Tech used</i>	Max/MSP, Arduino, Ableton Live
<i>Link</i>	<a href="https://vimeo.com/245371199">https://vimeo.com/245371199</a>