

# Athanasios Gotsopoulos

## PERSONAL DATA

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DATE OF BIRTH: 03 June 1987  
CITIZENSHIP: Greek, Finnish  
MILITARY OBLIGATIONS: Fulfilled (Finland, 2016)  
ADDRESS: Pihlajatie 6 A 14, 00270, Helsinki, FINLAND  
PHONE: +358 456 632 419  
E-MAIL: [athanasios.gotsopoulos@gmail.com](mailto:athanasios.gotsopoulos@gmail.com)  
WEBSITE: <http://gotsopoulos.com/>  
GITHUB: <http://github.com/gostopa1/>

## EDUCATION

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| <i>February, 2012 - Present</i>    | <b>DOCTORAL STUDIES IN COMPUTATIONAL NEUROSCIENCE</b><br><i>Aalto University, School of Science, Finland</i> <ul style="list-style-type: none"><li>• Department of Neuroscience &amp; Biomedical Engineering (NBE)</li><li>• Dissertation thesis title: Computational modeling of emotional responses under naturalistic conditions</li><li>• Supervisor: Professor Jouko Lampinen</li></ul> |
| <i>September, 2013 - May, 2017</i> | <b>BACHELOR IN MUSIC TECHNOLOGY</b><br><i>Sibelius Academy, University of the Arts, Finland</i> <ul style="list-style-type: none"><li>• Thesis topic: Computational challenges in pitch detection algorithms (grade 5/5)</li></ul>   |
| <i>2005 - 2011</i>                 | <b>DIPLOMA IN COMPUTER ENGINEERING &amp; INFORMATICS</b><br><i>University of Patras, School of Engineering, Greece</i> <ul style="list-style-type: none"><li>• Graduation GPA: 7.02 / 10 (Very good)</li><li>• Diploma thesis: Computational methods in MALDI Mass Spectrometry data analysis</li><li>• Supervisor: Professor Athanasios Tsakalidis</li></ul>                                |
| <i>September, 2010 - May, 2011</i> | <b>TRAINEE IN MALDI-MS DATA ANALYSIS</b><br><i>University of Helsinki, Biomedicum Helsinki</i> <ul style="list-style-type: none"><li>• Meilahti Clinical Proteomics Core Facility</li><li>• Supported by EuroKUP STSM grant</li><li>• Supervisor: Professor Marc Baumann</li></ul>   |

## WORK EXPERIENCE

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| <i>Autumn, 2015</i> | <b>TEACHING ASSISTANT</b><br><i>Aalto University, Otaniemi, Finland</i> <ul style="list-style-type: none"><li>• BeCS-114.5501 - Experimental &amp; Statistical Methods in Biological Sciences I</li><li>• Supervision: Prof. Lauri Nummenmaa</li></ul> |
| <i>August, 2014</i> | <b>TEACHING ASSISTANT</b><br><i>Sibelius Academy, Helsinki, Finland</i> <ul style="list-style-type: none"><li>• Provided technical assistance during the Sound Art Summer Academy</li><li>• Supervision: Prof. Andrew Bentley</li></ul>                |

2009 - 2012	IT RESPONSIBLE <i>BEST Patras</i>	<ul style="list-style-type: none"> <li>• Mail group administrator, forum developer/administrator, web site developer/administrator</li> </ul>
July, 2009	WEB DEVELOPER <i>Institute for the management of information systems</i>	<ul style="list-style-type: none"> <li>• Athens, Greece</li> <li>• Study and evaluation of information systems under the project "Innovation coupons for small &amp; medium-sized enterprises"</li> </ul>
August, 2008	WEB DEVELOPER <i>Talent Base Ltd.</i>	<ul style="list-style-type: none"> <li>• Helsinki, Finland</li> <li>• Installed web platforms for the company intranet (TWiki, SugarCRM, WordPress)</li> </ul>

## SCHOLARSHIPS AND GRANTS

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2012	BIOCENTRUM HELSINKI GRANT <i>Connecting scientists between Aalto University &amp; University of Helsinki</i>	<ul style="list-style-type: none"> <li>• Project title: Studies on disease pathways and protein complexes in child epilepsies of Finnish inheritance: an imaging approach.</li> <li>• In collaboration with Dr. Evanthia Monogioudi.</li> </ul>
2010	EUROKUP GRANT <i>Short-term Scientific Mission (STSM) on Urine &amp; Kidney Proteomics</i>	<ul style="list-style-type: none"> <li>• Project title: Familiarizing with MALDI MS analysis and tools.</li> </ul>

## ACADEMIC INTERESTS

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Data analysis, machine learning, signal processing, statistics, computational neuroscience, bioinformatics

## COMPUTER SKILLS

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Programming: MATLAB, JavaScript, Python, R, C, C++, HTML, PHP, SQL, MAX/MSP, SuperCollider,  $\LaTeX$   
 Software: MATLAB, FSL, Inkscape, Photoshop, PowerPoint, Premiere, Cubase, Reason  
 Operating systems: Windows, Linux, Unix, OS X  
 Other: Web development, microcontrollers, sound design

## LANGUAGE SKILLS

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GREEK: Native language  
 ENGLISH: Fluent (University of Michigan Certificate of Proficiency in English)  
 FINNISH: Intermediate conversation and writing skills