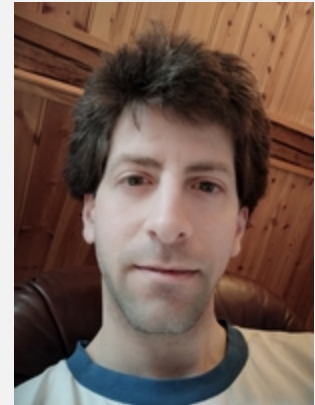# John Zobolas

I have a diverse background, from mathematics and computer science, to **software engineering** and **modeling**. My strongest quality is careful, analytical thinking. I like writing **clean** and **test-driven software** that enables technological applications, as well as **analyzing and visualizing data** to facilitate understanding of biological processes.

I spend my free time playing the piano, juggling or reading books.

🎓 Education

2021 | 2017

Norwegian University of Science and Technology (NTNU)
PhD in Medical Technology / Computational Biology
📍 Trondheim, Norway

Thesis: *Software implementations allowing new approaches toward data analysis, modeling and curation of biological knowledge for Systems Medicine* [GitBook link 🔗] [Defence video ▶] [Results] [PhD Degree]

2015 | 2013

Athens University of Economics and Business (AUEB)
MSc in Computer Science   📍 Athens, Greece

Thesis: *SkyLighting Web Application with three.js* [GitHub link 🔗]
Diploma grade: **9.4**

2013 | 2007

National Technical University of Athens (NTUA)
M.Eng in Electrical and Computer Engineering   📍 Athens, Greece

Thesis: *Optimal Power Allocation in the uplink of Two-Tier Wireless Femtocell Networks* [GitHub link 🔗]
Diploma grade: **8.4**

💼 Professional Experience

2021

Digital Life Norway Industry Internship (3 months)
AstraZeneca   📍 Gothenburg, Sweden

• Predicting bioactivity data using Bayesian Matrix Factorization
• Target clustering and validation for phenotypic screens

2015 | 2013

Linux Systems Engineer and Database Performance Tester
Commsquare   📍 Athens, Greece

• Administration/Monitoring of Linux servers & Databases
• Database Performance tuning (optimizing queries, insertion speed)
• Costumer support / Troubleshooting
• Software testing

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Contact Info

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🎓 Google Scholar
R⁶ ResearchGate
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📞 +30 6936586236

Skills

Ⓡ R

📊 tidyverse

JS Javascript

HTML

CSS

Java

Python

Git

Last updated on 2021-09-20.

📖 Selected Publications

2021
CausalBuilder: bringing the MI2CAST causal interaction annotation standard to the curator
Database

2020
Linking PubDictionaries with UniBioDicts to support Community Curation
BioHackrXiv

UniBioDicts: Unified access to biological dictionaries
Bioinformatics

emba: R package for analysis and visualization of biomarkers in boolean model ensembles
Journal of Open Source Software

2019
CausalTAB: the PSI-MITAB 2.8 updated format for signalling data representation and dissemination
Bioinformatics

🎖 Awards/Scholarships

2013
Program *Study with Scholarship*, EqualSociety
Scholarship for the MSc in Computer Science (AUEB)

2007
Program *Great Moment for Education*, Eurobank
Award for the highest grade in the Panhellenic examinations

🎵 Music

2014
YouTube ▶
I maintain a YouTube channel in which I upload piano music

2012
|
2009
Pianist
Worked as a pianist in Konstantinidis pastry shops   📍 Goudi, Athens

2007
|
2000
School of Piano and Harmony
Graduated with honors from Anagennisi Conservatory
📍 Athens, Greece

🚶 Recreational Activities

Juggling ◎

Fitness