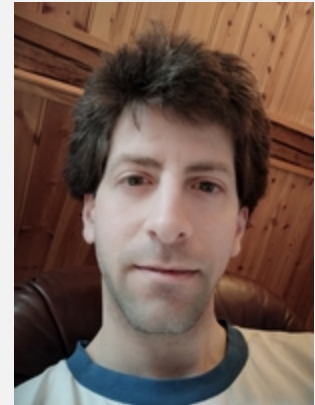


John Zobolas

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.

Download this resume in [PDF](#).



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** [[Diploma](#)] [[Transcript](#)]

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** [[Diploma](#)] [[Transcript](#)]

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)
 - Customer support / Troubleshooting
 - Software testing

Contact Info

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Skills

📊 R
📊 tidyverse
📄 Javascript
📄 HTML
📄 CSS
☕ Java
🐍 Python
🔗 Git

Last updated on 2021-09-21.



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**