

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](#)] [[Diploma](#)]

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

-  bblodfon@gmail.com
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 [@bblodfon](https://github.com/bblodfon)
 [Google Scholar](https://scholar.google.com/citations?user=QWzJyjUAAAAJ&hl=en)
 [ResearchGate](https://www.researchgate.net/profile/bblodfon)
 [bblodfon](https://github.com/bblodfon)
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 +30 6936586236

Skills

-  R
 tidyverse
 Javascript
 HTML
 CSS
 Java
 Python
 MariaDB
 Git

Selected Publications

2021

- **Logical modeling: Combining manual curation and automated parameterization to predict drug synergies**
[bioRxiv - Preprint](#)
 - **Boolean function metrics can assist modelers to check and choose logical rules**
[arXiv - Preprint](#)
 - **CausalBuilder: bringing the MI2CAST causal interaction annotation standard to the curator**
[Database](#)
- 2020
- **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](#)

Books

2021

- **8 Rules to write a PhD Thesis: A PhD Thesis Rulebook**
[Online GitBook](#) 

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

Recreational Activities

- **Playing piano**  

I have a [YouTube channel](#) in which I upload piano music!

- **Juggling** 

Check out my [Instagram account](#) for videos with juggling tricks!

- **Fitness** 