

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 technology-driven applications, as well as analyzing and visualizing research data to augment understanding of model-driven biological processes.

Download this resume in [PDF](#).



Education

- 2021 (expected)
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2017
- **Norwegian University of Science and Technology (NTNU)**
PhD in Computational Biology 📍 Trondheim, Norway
- Thesis: Software implementations allowing new approaches toward data analysis, modeling and curation of biological knowledge for Systems Medicine* 🧠
- 2015
|
2013
- **Athens University of Economics and Business (AUEB)**
MSc in Computer Science 📍 Athens, Greece
- Thesis: SkyLighting Web Application with three.js* 🧠
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* 🧠
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)
 - Customer support / Troubleshooting
 - Software testing

Contact Info

✉ bblodfon@gmail.com
✉ john.zobolas@ntnu.no
🌐 [@bblodfon](#)
🔍 [Google Scholar](#)
📄 [ResearchGate](#)
📞 bblodfon
☎ +47 96808973
☎ +30 6936586236

Skills

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

Last updated on 2021-06-12.



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 And 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 where I upload piano music
- 2012
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2009 ● **Pianist**
Worked as a pianist in Konstantinidis pastry shops  Goudi, Athens
- 2007
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2000 ● **School of Piano and Harmony**
Graduated with honors from Anagennisi Conservatory  Athens, Greece



Recreational Activities

- **Juggling**, unicycling, fitness training