



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)
|
2017
- **Norwegian University of Science and Technology (NTNU)**
PhD in Computational Biology 📍 Trondheim, Norway
- Currently employed as a PhD candidate in the Department of Biology and enrolled in the Medical Technology PhD program hosted by the Faculty of Medicine and Health Sciences.
- 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

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Skills

 R

 tidyverse

 Javascript

 HTML

 CSS

 Java

 Python

 Git



Publications

2021

- **CausalBuilder: bringing the MI2CAST causal interaction annotation standard to the curator**
[Database](#)

Touré V, Zobolas J., Kuiper M., Vercruysse S.

2020

- **Linking PubDictionaries with UniBioDicts to support Community Curation**
[BioHackrXiv](#)

Zobolas J., Kim J-D, Kuiper M., Vercruysse S.

- **UniBioDicts: Unified access to biological dictionaries**
[Bioinformatics](#)

Zobolas J., Touré V., Kuiper M., Vercruysse S.

- **VSM-box: general-purpose interface for biocuration and knowledge representation**
[Preprints](#)

Vercruysse, S., Zobolas J., Touré V., Andersen M.K., Kuiper M.

- **emba: R package for analysis and visualization of biomarkers in boolean model ensembles**
[Journal of Open Source Software](#)

Zobolas J., Kuiper M., Flobak Å.

2019

- **CausalTAB: the PSI-MITAB 2.8 updated format for signalling data representation and dissemination**
[Bioinformatics](#)

Perfetto L., ..., Zobolas, J., Licata L.



Posters

2019

- **DrugLogics: An ensemble model analysis related to drug prediction performance**
[Poster](#) presented at the [55th NBS contact meeting](#) 📍 Roros, Norway

Zobolas J., Vazquez M., Kuiper M., Flobak Å.

- **VSM-box: the general-purpose curation interface as an open-source web-component**
[Poster](#) presented at the [The 12th International Biocuration Conference 2019](#)

📍 Cambridge, UK

Vercruysse S., Zobolas J., Touré V., Kuiper M.






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 | 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**, unicycling, fitness training