

### Leadership of academic and industrial projects

- 2022–2024 **Q-T-Birds research project**, *École normale supérieure, Paris*, researcher, programmer, student supervision  
Project to discover evolutionary patterns in bird diversification.
- 2019–2025 **TreePPL probabilistic programming language**, *Swedish Museum of Natural History and KTH Royal Institute of Technology*, lead designer and senior co-contributor to codebase, software maintainer  
Compiler for a probabilistic programming language.
- 2016–2019 **OpenBiodiv semantic knowledge platform**, *Pensoft Publishers and Bulgarian Academy of Sciences, part of EU Horizon 2020*, research lead, software architect, main programmer  
Semantic database (triplestore) and text mining.

### Organizational experience

- 2022 – 2024 **Member of board of Marie Curie Alumni Association**, *Sofia, Bulgaria*
- Dec 2022 **Co-organizer of Miking Workshop 2022**, *KTH Campus, Digital Futures Hub, Stockholm*  
I was part of the organizing team and also gave a presentation at the [Miking Workshop 2022](#). Miking is an open-source project developed at KTH Royal Institute of Technology.
- 2020 **Field-study designer for Covid-19 surveillance**, *Plovdiv, Bulgaria*  
[Sars-cov-2 seroprevalence study](#)
- 2020 – 2022 **Chair of Marie Curie Alumni Association**, *Sofia, Bulgaria*
- Jan 2019 **Senior organizer of International Data Science Hackathon**, *Data Science Society*, Hybrid event: Sofia and online  
[Let's Hack News Manipulation](#)
- Apr 2018 **Co-organizer of workshop on Entrepreneurship and Grant Writing**  
[BIG4 Workshop](#) as part of the Marie Curie training network

### Global Safety Work

- 2023 **Discussion leader**, *Participated in a discussion on probabilistic programming languages in the context of a student group interested in AI safety*, *EffiSciences, Paris France*