Tuomas Borman

Data Scientist, Bioinformatician

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Work Experience

Doctoral Researcher (Data Science)	January 2023 – Present
University of Turku	Turku, Finland

Project Worker	April 2022 – Present
Handata Oy	Turku, Finland

- Developed business intelligence tools.

Project Researcher (Data Science)	July 2022 – December 2022
University of Turku	Turku, Finland

- Analyzed biomedical data and developed data science tools.

Research Assistant (Data Science)	October 2020 – July 2022
University of Turku	Turku, Finland

- Analyzed biomedical data and developed data science tools.

Teaching Assistant (Biotechnology)	Oct 2020 – Nov 2020 & Jan 2021 – Feb 2021
University of Turku	Turku, Finland

- Teaching on a M.Sc level laboratory course (Laboratory Exercises in Molecular Biotechnology).
- Teaching on a B.Sc level laboratory course (Biotechnical Systems).

Education

Doctor of Science (Tech.) | *Information and Communication Technology*	2023 – (2026)
University of Turku	Turku, Finland
Master of Science (Econ.) | *Accounting and Finance*	2022 – (2023)
University of Turku	Turku, Finland
Master of Science (Tech.) | *Biotechnology*	2020 – 2022
University of Turku	Turku, Finland
Bachelor of Science (Econ.) | *Accounting and Finance*	2020 – 2022
University of Turku	Turku, Finland
Bachelor of Science (Tech.) | *Biotechnology*	2017 – 2020
University of Turku	Turku, Finland

Projects

miaverse | *R/Bioconductor framework for microbiome analysis*	2020 – Present
https://microbiome.github.io/	

- One of the developers of *miaverse*.
- Maintainer of packages *mia* and *miaViz*.

Certificates

EMBO — EMBL Symposium | *Multiomics to Mechanisms: Challenges in Data Integration*	September 2021
European Molecular Biology Laboratory	
PMAF Project Management Foundation Certificate | *(IPMA D)*	April 2018
Projektiammattilaiset PRY, Project Professionals Finland	

Skills and Interests

Tools and technologies: R, Python, SQL, GIT, Statistical Modeling, Machine Learning, Data Mining...
Languages: English (Full professional proficiency), Finnish (Native), Swedish (Limited working proficiency), German (Elementary proficiency)