

Tuomas Borman

Curriculum vitae

Open-source developer in bioinformatics

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WORK EXPERIENCE

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| Doctoral Researcher (Data Science)
University of Turku, Turku, Finland | Jan 2023 – present |
| • Develop open-source R/Bioconductor tools for microbiome data analysis in the Turku Data Science Group . | |
| Entrepreneur, data science consultant
Statlab Oy, Turku, Finland | Jul 2023 – present |
| • Consulting in bioinformatics and business intelligence.
• Bioinformatics workshops for teams and researchers. | |
| Project Worker
Handata Oy, Turku, Finland | Apr 2022 – Dec 2022 |
| • Developed business intelligence tools. | |
| Project Researcher (Data Science)
University of Turku, Turku, Finland | Jul 2022 – Dec 2022 |
| • Analysed biomedical data and developed data science tools. | |
| Research Assistant (Data Science)
University of Turku, Turku, Finland | Oct 2020 – Jun 2022 |
| • Analysed biomedical data and developed data science tools. | |
| Teaching Assistant (Biotechnology)
University of Turku, Turku, Finland | Oct 2020 – Feb 2021 |
| • Taught on an MSc laboratory course (Laboratory Exercises in Molecular Biotechnology) and a BSc laboratory course (Biotechnical Systems). | |

EDUCATION

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| Doctor of Science (Technology), Information and Communication Technology
University of Turku, Turku, Finland | 2023 – present |
| Master of Science (Economics and Business Administration), Accounting and Finance
Turku School of Economics, University of Turku, Turku, Finland | 2022 – 2023 |
| Master of Science (Technology), Biotechnology
University of Turku, Turku, Finland | 2020 – 2022 |
| Bachelor of Science (Economics and Business Administration), Accounting and Finance
Turku School of Economics, University of Turku, Turku, Finland | 2020 – 2022 |
| Bachelor of Science (Technology), Biotechnology
University of Turku, Turku, Finland | 2017 – 2020 |

POSITIONS OF TRUST

Chair of the Board The Finnish Society for Bioinformatics	May 2026 – present
Board member The Finnish Society for Bioinformatics	Jun 2024 – May 2026
Member, Community Advisory Board (CAB) Bioconductor	Oct 2025 – present
Coordinator Computational and Molecular Methodologies for Life Sciences (CompLifeSci), BioCity Turku	Aug 2022 – present

EVENT ORGANISATION

Coordinator European Bioconductor Conference 2026, Turku	2025 – 2026
Organising committee member European Bioconductor Conference	2024 – present
Local and national events CompLifeSci and others • Coordinated several events with 20–200 participants.	2022 – present

OTHER ACTIVITIES

Member, Training and Microbiome working groups Bioconductor	Jun 2026 – present
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MENTORING

Mentor Outreachy	Jan 2023 – Aug 2023
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CERTIFICATES

Certified Instructor The Carpentries	Jun 2025
PMAF Project Management Foundation Certificate (IPMA D) Project Professionals Finland	Apr 2018

SKILLS

• **Programming and tools:** R, Bioconductor, Python, SQL, Git
• **Methods:** statistical modelling, machine learning, data mining, microbiome and multi-omics data analysis
• **Languages:** Finnish (native), English (full professional), Swedish (limited working), German (elementary)
Publications: <https://tuomasborman.github.io/publications.html> · Presentations: <https://tuomasborman.github.io/presentations.html>