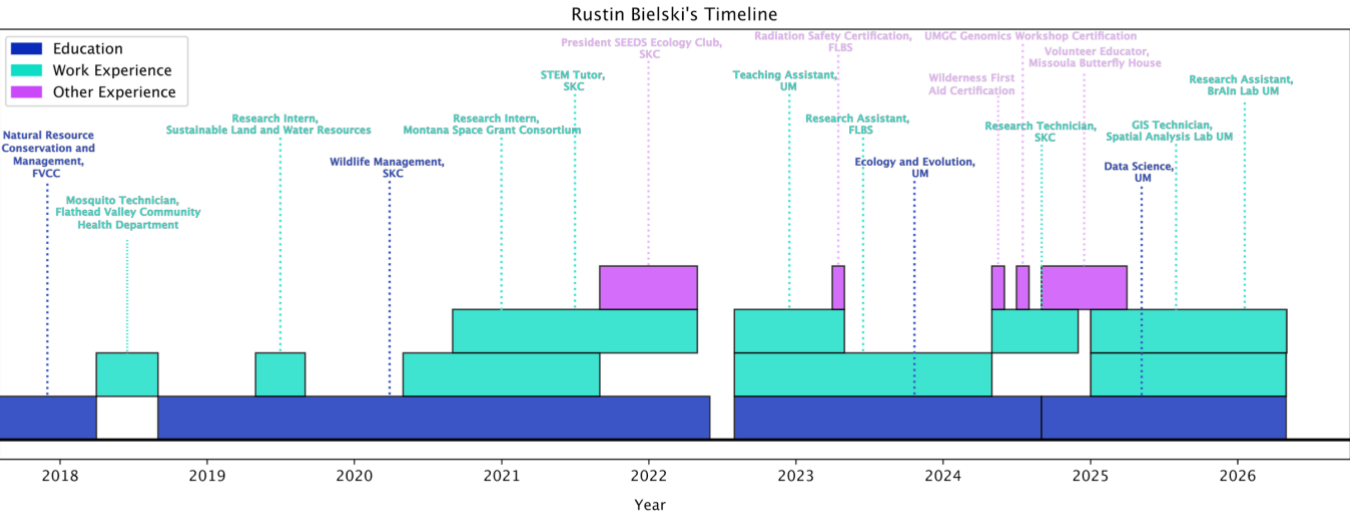


RUSTIN BIELSKI

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EDUCATION

The University of Montana, Missoula, MT

Masters of Science, Data Science (09/2024-06/2026)

Graduation: June 2026, GPA: 3.6

- Skills pertaining to numerical analysis, big data management, machine learning, signal processing, and computer vision, primarily using Python.

Masters of Science, Ecology and Evolution (08/2022-09/2024)

Transitioned to D.S.

- Specialized in evolutionary biology, genetics, genomic science, and ecological modeling using R.

Salish Kootenai College, Pablo, MT

Bachelor of Science, Wildlife Management (09/2018-06/2022)

Graduation: June 2022, GPA: 4.0

- Focus on terrestrial ecology, palynology, conservation, indigenous ecological knowledge, and geospatial information systems.

Flathead Valley Community College, Kalispell, MT

Natural Resource Conservation and Management (08/2017-04/2018)

GPA: 3.6

- Skills in vegetative surveys, field data collection, navigation, and conservation regulations.

RELEVANT WORK EXPERIENCE

Research Assistant

BrAI Lab, The University of Montana, Missoula, MT (01/2025-Present)

- Neuroscience related image segmentation modeling using neural networks, UI and webapp building, experience with MRI/ECOG/EEG data preprocessing.

GIS Technician

Spatial Analysis Lab, The University of Montana, Missoula, MT (01/2025-Present)

- Geospatial modeling, using satellite imagery and machine learning, story map building.

Research Technician

Salish Kootenai College, Pablo, MT (05/2024-12/2024)

- Research of pollinator communities using eDNA/bioinformatics, GIS spatial data analysis and modeling.

Research Assistant

Flathead Lake Biological Station, Polson, MT (08/2022-05/2024)

- Research in aquatic microbial ecology, with lab work and contribution to peer-reviewed publications.

Teaching Assistant

The University of Montana, Missoula, MT (08/2022-05/2023)

- Led lab sessions for biological diversity and general ecology, emphasizing student guidance and etiquette.

Student Tutor, Science, Engineering, and Math Lab

Salish Kootenai College, Pablo, MT (09/2020-05/2022)

- Provided tutoring in math and science disciplines, including GIS, with a focus on enhancing academic performance.

Research Intern

Montana Space Grant Consortium, Salish Kootenai College, Pablo, MT (05/2020-09/2021)

- Independent research project on pollination ecology, fieldwork, data analysis, and academic presentation.

Research Intern

Sustainable Land and Water Resources, Salish Kootenai College, Pablo, MT (05/2019-09/2019)

- Research on food resource sustainability within tribal communities, involving fieldwork and community engagement.

Mosquito Technician

Flathead Valley Community Health Department, Kalispell, MT (04/2018–09/2018)

- Conducted mosquito larvae sampling throughout the valley on private properties and public lands, engaging regularly with landowners and community members.

OTHER EXPERIENCE

Volunteer Educator

Missoula Butterfly House and Insectarium, Missoula, MT (09/2024-04/2025)

UMGC Genomics Workshop Certification

The University of Montana Genomics Core Laboratory, Missoula, MT (08/2024)

Wilderness First Aid Certification

Aerie Backcountry Medicine, Missoula, MT (06/2024)

Radiation Safety Training Certification

CITI Program, FLBS, under the requirements set by the University of Montana (05/2023)

President, SKC SEEDS Ecology Club

Salish Kootenai College, Pablo, MT (09/2021-05/2022)

Leadership in environmental initiatives, community engagement, and ecological education.

REFERENCES

Lucy Owen, PhD., Professor, Computer Science, The University of Montana, 406-243-4674,
Lucy.Owen@mso.umt.edu

Jessica Mitchel, PhD., Director, Spatial Analysis Lab, The University of Montana, 406-544-9256,
Jessica.Mitchel@mso.umt.edu

Javier Perez-Alvaro, PhD., Professor, Mathematical Sciences, The University of Montana, 406-243-5311
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