

Gerrit Egnew

1406 Juniper St
Bozeman, MT
59715



I am an engineer working to clean mine wastewater with novel biotechnologies. I am also an advocate for land and policy issues and believe deeply in the power of interdisciplinary thinking to make change and solve problems. I spend much of my time running, climbing, and skiing in the mountains of Montana.

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skills

UNIX/Terminal Interface
Budgeting/Cost Analysis
Data Analysis &
Management
Python
pandas
scikit-learn
flask
bs4
seaborn
MATLAB
R
Modeling &
FEA
Data Pipelines
Adobe CC

Enviromin, Inc. Bozeman, MT

Biological Engineer. As Enviromin's bioengineer, I aid in the design, testing, and implementation of bioreactors, bioremediation plan development, kinetic modeling, and data management/analysis. I also design and manage laboratory experiments, write proposals and technical reports, manage supplies and purchasing, interface with clients, present findings at conferences, and prepare budgets. 2018-Current.

Mazer Lab, Montana State University

Research Assistant. Studied attention and visual systems in non-human primates. Performed research, animal management, data collection & analysis, and modeling with CNNs in close collaboration with other researchers in a BSL2 lab settings. Managed hardware (local network of computers running Mint, VPNs, a small cluster), designed tests, and analyzed data with Python and MATLAB to elucidate nonlinearities in NHP visual

Canyons River Co. McCall, ID

Raft Guide. Canyons is one of the oldest and best-known raft companies in Idaho; we run one- and two-week long rafting trips down the Middle Fork of the Salmon and the Main Salmon. This job requires that I lift a lot of heavy things, conduct excellent customer service, cook, work as part of a team, perform first aid, and row a raft with precision. We shop for, pack, prepare, and cook high-quality food from scratch at every meal. 2015-2018.

Education

Montana State University, Bozeman, MT - B.S. Biologocial Engineering
McCall-Donnelly High School, McCall, ID
The Nork Fork School, McCall, ID

engineer