

Bryton Moeller

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Profile

I facilitate design processes toward sustainability and equity outcomes. I'm a systems-thinker, thoughtful communicator, and constant learner. I value gratitude and openness.

Degree

Dartmouth College: BA in Human-Centered Design & Engineering. Class of 2021. GPA: 3.73

- Coursework: Design Thinking; Engineering Systems Modeling; Social Systems Modeling; Sustainability; Ethnographic Research Methods; Social Psychology; Native American Studies.

Work Experience

Design & Project Lead at EarthShift Global; May 2022 to Present

- Designing software to facilitate efficient environmental assessments (Life-Cycle Assessment).
- Leading on team processes including hiring, team culture development, project management.
- Conducting extensive user research (interviewing), facilitating creative processes with groups.

Farm Work; Jan 2022 to Present

- Worked on mid-sized diversified sustainable farms in VT. Part time, 2022 and 2023 seasons.
- Lived and worked on small organic farms in OR and WA (Wwoofing). 25h/wk Jan-March 2022.

Racial Education Experience Designer at Woodstock Union HS; Jan 2021 to June 2021

- Co-created engaging and system-disrupting racial/social-justice education experiences for a 93% white student body. Collaborated with students, faculty, and staff on implementation.

Teaching Assistant for Dartmouth Design Thinking Course; January 2020 to November 2021

- Coached student teams through the Human-Centered Design process. Helped lead an effort to integrate Equity-Centered Design into curriculum by revamping projects and reading list.

Volunteering

Local Volunteering - Summer 2022 - Present

- I help lead an Equity-Centered Community Design project working to make a place-based education program more inclusive and impactful. (Valley Quest Redesign at Vital Communities)
- On work days for Native (Abenaki) garden and food forest projects, I provide gardening labor while learning from Abenaki elders, agroecologists, and other community members.

Researcher at Personality & Assessment lab - Universität Zürich, Switzerland - Spring 2019

- Designed and conducted research in positive psychology - first author on the publication.
- Developed and initiated validation of a psychological assessment of environmental self-efficacy.

Leadership

Co-Chair of Environmental Stewardship Division (Outing Club) - Summer 2019 to Winter 2021

- Helped organize and run initiatives promoting sustainability, equity, and sense-of-place.
- Lead effort to rewrite club mission and vision. Helped run used-gear sale to improve accessibility of outdoor activities and divert used gear from the landfill.

Co-Chair of Cabin & Trail (Hiking Club; 100+ Members) - Fall 2019

- Ran directorate body meetings. Worked to enable equitable access to outdoor leadership skills.

Equity Programming Designer & Facilitator (Outing Club) - Summer 2019 to Fall 2019

- Co-designed and co-facilitated a workshop on gender dynamics in the outdoors.

Team Captain of Robotics Team (FRC 1678) - Fall 2016 to Spring 2017

- Lead 80 students. Organized leadership meetings. Presented to sponsors (\$175K budget).

Mobile Application Programming Lead of Robotics Team (FRC 1678) - Fall 2014 to Spring 2016

- Managed ten programmers. Team was 2015 *World Championship Winner*

Technical Skills

- Excel; Zoho Projects; Figma (Creative Collab. & UI Design); Programming: Python, Java, React; Data & Viz: R, Tableau; Stella Architect (System Modeling); Woodworking; Solidworks;

Personal Interests

- Music: Piano, Guitar, Vocal, Songwriting. Outdoor: Trail Maintenance, XC Skiing, Trail Running
- Other - Cooking, Baking, Fixing Things (esp. old bicycles), Photography, Sewing