

# IAN MANN

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## PROFESSIONAL EXPERIENCE

### Assistant Shop Manager - Earthlight Books

September 2022-February 2024

Worked for an independent local bookstore, performing the following tasks:

- Independently overseeing a storefront location and managing day-to-day operations
- Assessing and valuing rare, antiquarian, and collectible books
- Selling inventory across multiple platforms (ebay, etsy, amazon, etc.)
- Fulfilling customer orders and handling questions and issues with online sales

### Crew Member - Washington Conservation Corps

June 2022 - September 2022

Worked a three-month term for the WCC Tumwater Spike Crew, performing the following tasks:

- Restored Natural Areas (trail maintenance, native plant landscaping)
- Managed Local Invasive Plants (plant identification, manual removal, herbicide application)
- Used and Maintained Power Tools and Equipment (string trimmers, leaf blowers, blades, etc.)
- Worked 10-hr days in intense summer conditions and participated in multiple week-long travel spikes

### Music Production - Sandpiper Productions

August 2020 - June 2022

During this time I took a sabbatical from my environmental career and focused on learning to create electronic music. I taught myself extensive technical use of Ableton professional software to produce three releases in the ambient and techno genres, and have performed original music live at local events.

### Environmental Unit Leader – Camp Fire Incident Clean-Up (Chico, CA)

March 2019 - July 2020

Employer: Tetra Tech Environmental Consulting - largest wildfire cleanup project in history

- Performed Site Assessment and Field Mapping of on-site safety hazards in all weather conditions
- Monitored air quality for community and debris removal operations
- Sampled soil for lab assessment of heavy metals (Lead, Arsenic)
- Utilized aerial maps and satellite imagery to confirm and investigate on-the-ground structures
- Organized field data and managed equipment (XRF Analyzer, VOC meter, Geiger counter)
- Worked under ICS command system alongside construction crews and heavy machinery
- Performed remote work for 9 months ensuring quality control for field data

## EDUCATION

California Polytechnic State University, San Luis Obispo

Graduated: March 2019

- B.S. in **Environmental Earth and Soil Sciences** - Overall GPA: 3.55
- Minor in Philosophy (Minor GPA: 4.0)
- Dean's List: 9 Quarters (out of 12)

### Relevant Coursework

- Calculus I-IV and Differential Equations
- Soil Morphology and Classification
- Wetlands Science and Management
- Issues in Environmental Justice
- GIS studies (2 courses taken)
- Soil Ecology, Chemistry, and Physics
- Structural Geology, Mineralogy
- Soil Erosion and Water Conservation
- Low Impact Development (LID)/Stormwater

### Laboratory Skills (Cal Poly special emphasis)

- Soil sampling and Chemical/Biological analysis (organics and heavy metals in both soil and water)
- Field data collection and sample processing
- Laboratory record-keeping, quality control, and organization

### Engineering Experience

- 2 years spent as an Electrical Engineering major (65 units completed)
- Coursework: Signal and Circuit Analysis, Fabrication, Materials Science, Engineering Physics
- 3.5 GPA at time of change of major

**Study Abroad – Summer 2018**

7 Weeks in Chiangmai, Thailand; studied geography, local environmental and development issues

**RESEARCH EXPERIENCE**

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**Senior Project**

2017-2018 Academic Year

- Analyzed a range of grape pomace samples for suitability as organic compost material
- Worked in a shared laboratory space and managed testing according to a schedule
- Prepared a thorough research paper for submission to advising professor

**CAFES Summer Undergraduate Research**

Summer 2017

Conducted an extensive phone/email survey of local agricultural operations and farmers

- Analyzed survey data on local biowaste production and management practices
- Created a high-grade research poster and presented at Cal Poly summer research symposium

**SKILLS AND QUALIFICATIONS**

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- Former HAZWOPER Certification (active March 2019-2020)
- Research Poster design and presentation
- Microsoft Office (Word, Excel, Powerpoint)
- GIS Software (2 courses in ArcGIS, A-level grades received in each)
- Consulting Report Preparation (1 course)
- Advanced Soldering, Bench, and Machine Shop Experience
- Programming Languages (Java, C, C++)

**ACHIEVEMENTS**

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- Cal Poly President's List, 2015-2016 and 2017-2018 Academic Years
- National Merit Scholar Finalist, National AP Scholar