

# MARLO WEBER

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Broomfield, CO

Seeking a mentorship position utilizing my technical ability, leadership experience, and problem-solving skills.

## EDUCATION

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**Purdue University**, West Lafayette, IN, GPA: 3.69 August 2022 - May 2026  
*John Martinson Honors College*  
Bachelor of Science in Computer Science, Minors in Mathematics and Psychology  
Concentrations in Software Engineering, Machine Intelligence

### Relevant Coursework

Object Oriented Programming (Java), Programming in C, Data Structures and Algorithms (C++), Systems Programming (Unix), Data Mining and Machine Learning (Python)

## RESEARCH

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**Project oCEANIC**, Undergraduate Research Team Lead January 2024 - Present

- Collaborate with an interdisciplinary team of eight to integrate environmental and historical data into an agent-based computational model
- Organize programming sub-team meetings and documentation
- Develop a website using Next.js to enhance capacity for visualization and conduct statistical analysis of voyaging patterns
- Funded by the John Martinson Honors College Breakthrough Research Award

## WORK EXPERIENCE

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**Camp Laurel**, Mount Vernon, ME June - August 2024  
*Campus Leader*

- Led and mentored a team of 30 counselors, ensuring the well-being and engagement of 75 campers across six cabins
- Partnered with camp directors and administrators to foster a positive and inclusive environment for all campers

*Summer Camp Counselor* June - August 2023

- Collaborated with three co-counselors to promote responsibility, integrity, organization, and accountability among our cabin of 12-year-old girls

## LEADERSHIP

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**John Martinson Honors College Ambassador** August 2022 - Present

- Promote Purdue's Honors College through tours, presentations, and admissions events for prospective students and their families

## AWARDS

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**Fraser Speaking Competition** November 2022

- Second place in a university-wide competition for a \$3,000 grant
- Presented to a panel of faculty judges on a team of five students

## ACTIVITIES

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**Xpress Women's Ultimate Frisbee** September 2022 - October 2024

- Competed on D1, nationally-ranked team in tournaments in the Great Lakes Region