

# Miles Zelasko

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## WORK EXPERIENCE

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### Portland Discovery Land & Sea Tours

June 2021 - August 2024

- Entrusted with making sales, prospecting for customers, and efficiently carrying out the boarding process for over 500 customers daily
- Trained new and returning team members on updated point-of-sale systems and operational procedures, providing hands-on supervision
- Supported back-office operations, gaining proficiency in telecommunications and internal administrative systems

## PROJECTS

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### Rock Climbing Training Tool

Developed a training tool utilizing SolidWorks to help increase finger strength and climbing performance using input from climbers of varying skill levels. Prototyped and tested multiple versions, resulting in a > 50% weight decrease & 43% cost of manufacturing decrease between first and final iteration

## EDUCATION

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2023 - Expected May, 2027 Bachelor's Degree at **University of New Hampshire** (GPA: 3.5/4.0)

**Relevant Coursework:** Thermal System Analysis and Design, Fluid Mechanics, Dynamics, Thermodynamics

## EXTRACURRICULAR ACTIVITIES

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### RL<sup>2</sup>

September 2025 - Present

- Attended weekly graduate-level reading group dedicated to discussing literature on reinforcement learning topics
- Gained familiarity with foundational concepts relevant to dynamic programming and sequential decision making

### American Society of Mechanical Engineers

September 2023 - Present

- Engaged in meetings with leading engineering companies and industry experts, discussing emerging trends and career development strategies within engineering

## SKILLS

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Software Solidworks, Visual Studio Code, Microsoft Office Suite

Certifications SOLIDWORKS Associate (C-LXSEG32AYR)

Programming Languages Lua, MATLAB, Python