

MATTHEW GOELZER

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Highly qualified researcher with over 5 years of experience in hypothesis-driven research. Combines multiple fields of knowledge with systematic analysis skills to address problems in computer science, material science, and engineering.

CORE PROFICIENCIES

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| <ul style="list-style-type: none">• C++ (Experienced)• C (Novice)• HTML5 (Proficient)• CSS3 (Proficient)• Bootstrap 4 (Proficient)• JavaScript (Novice)• Linux/Unix (Experienced) | <ul style="list-style-type: none">• Project Management• Public Speaking• Leadership & Leadership Training• Data Analysis | <ul style="list-style-type: none">• Creative Problem Solver• Independent Investigator• Self-Motivated• Adaptive Learner |
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SELECTED ACCOMPLISHMENTS

FRONTEND DEVELOPMENT

8/2019 to Present

- Designed and built a website for the non-profit organization Miracle Mountain Camp.
- Interacted with the stakeholders to design and develop a website to aid in the dissemination of camp information and provide registration tools.
- Built using HTML5, CSS3, Bootstrap 4, and JavaScript.

LANGTON'S ANT MODEL

- Designed and built a program that mimicked the Langton's Ant model.
 - Program interacted with the user, prompting the user to input starting amounts for the board size, number of ants, and number of beetles.
 - Built using C++
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EDUCATIONAL EXPERIENCE

CLASSES COMPLETED

DATA STRUCTURES
COMPUTATIONAL MATERIALS SCIENCE

WEB DEVELOPMENT
ASSEMBLY LANGUAGE AND COMPUTER ARCHITECTURE

OREGON STATE UNIVERSITY

Bachelor of Science, Computer Science (Graduating 6/2021)

BOISE STATE UNIVERSITY

Master of Engineering, Materials Science and Engineering

ORAL ROBERTS UNIVERSITY

Bachelor of Science, Biology

RESEARCH ASSISTANT

Boise State University, 1/2020 to Present

GRADUATE RESEARCH ASSISTANT

Boise State University, 7/2017 to 12/2019

UNDERGRADUATE RESEARCH ASSISTANT

Oral Roberts University, 8/2014 to 5/2017