Matthew Goelzer

Boise, ID | mhankg@gmail.com | (208) 780-9089 | [www.linkedin.com/in/matthewgoelzer](http://www.linkedin.com/in/matthewgoelzer)

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**

|  |  |  |
| --- | --- | --- |
| * C++ (Experienced) * C (Novice) * HTML5 (Proficient) * CSS3 (Proficient) * Bootstrap 4 (Proficient) * JavaScript (Novice) * Linux/Unix (Experienced) | * Project Management * Public Speaking * Leadership & Leadership Training * Data Analysis | * Creative Problem Solver * Independent Investigator * Self-Motivated * Adaptive Learner |
|  |  |  |

**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++

**EDUCATIONAL eXPERINCE**

**Classes Completed**

**DATA STRUCTURES WEB DEVELOPMENT**

**COMPUTATIONAL MATERIALS SCIENCE ASSEMMBLY 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*