

**Michael Alberda** *malberda15@gmail.com | 2087612179 | Boise, ID | <https://github.com/malberda>*

## Education

### University of Idaho

*BS Mathematics - Computation Option, GPA: 3.5*

Moscow, ID

*September 2017 | May 2021*

### Boise State University

*BS Computer Science*

Boise, ID

*August 2021 | Ongoing*

## Work

### YMCA

Boise, ID

*Head Lifeguard*

*June 2016 | September 2017*

- Work with other lifeguards to maintain a clean and safe place of business and engage with patrons to secure a happy YMCA

### Dr. Neuhaus

Moscow, ID

*Grader*

*September 2019 | September 2019*

- Cleanly and correctly grade all homework and deliver it on time to the professor

## Skills

**Proicient Programming Languages** C, C++, Java, Linux Shell

**Familiar Programming Languages** Javascript, HTML, Python, Unity

**Other Relevent Skills** Scrum and Agile Development, Git

## Projects

### Reduction of States in a Finite Automata C

*<https://github.com/malberda/cs385finalproject>*

Demonstration of the concept of reducing states in a finite automata

### Optimal Binary Search Tree Javascript

*<https://github.com/malberda/project-395>*

A simple visual demonstration of an optimal binary search trees creation and expansion

### CPU Scheduling Simulation Java

*<https://github.com/malberda/CPUSchedulingEmulator>*

Emulates a simple CPU and its scheduling of processes