

Michael
Boschwitz

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ask me about:

- Almost anything music
- My love for travel
- My two puppies

education

University of Minnesota
Minneapolis, MN

expected graduation

May 2022
Bachelor of Individualized
Studies in Software Engineering
and Creative Design

languages

- Primary: C#
- Java
 - C
 - Python

activities

- Jazz Band Drummer
- Orono Soccer Team
- Juggling Club
- Digital Art Studio
- Pit Orchestra
- Percussionist

favorite things

- Doodling
- Mint Choc. Ice Cream
- Wintergatan
- New Zealand
- Radiohead
- Hitchhikers Guide to the Galaxy

projects

Video Game Development Club

Untitled Rhythm Shooter (Unity)

- Inspired by My Friend Pedro, and the main character in Guns Akimbo.
- Part Platformer, part rhythm game. Each note is linked to an action
- Heavily focused on understanding proper 2D physics utilization and importance of consistent movement and timing in the rhythm section

Murderous Mishap (Unity)

- 3D Mansion based Whodunit with static and dynamic camera options
- Heavily focused on understanding the design of 3D environments and character movement, as well as the importance of planning.

Space Bar (Unity)

- 2D Point and Click Adventure game
- Collect items and help the local creatures on their planets

Potion Man (Unity)

- Simple 2D puzzler
- Provide and create correct potions to earn points

UMN Class Projects Highlights

File Interpreter (C)

- Takes data from file and user input and converts data from either text, binary, or 4bit and creates a graph or a Binary Tree

Data Structure Projects (Java)

- Implementation of a Linked list and Array list for sorting and storing of data
- Implementation of an searchable Binary Tree and Hash Map for storing data

Bus Simulation (Java)

- Event Based Bus simulation of bus riders arriving, boarding, riding, and leaving

Fractal Creator (Java)

- Recursive Fractal Creation that creates fractals based on an input

A more comprehensive list of projects is located on my website.

work experience

Boating Director at Camp Teko | Summer 2017, 2018, 2019

- Being prepared to perform emergency rescues at the waterfront
- Providing a positive role model for all campers
- Directing and coordinating boating specialist or lifeguards

Barista at Starbucks | August 2017 - September 2018

- Providing fast and reliable services on an efficient basis
- Keeping a positive attitude while being warm and friendly face

leadership

BSA Eagle Scout

- Organize and lead in the creation of three paver pads, while maintaining the pre-existing aesthetic for Eagle Scout Project

Tri-M Music Honor Society Member

- Encourage community engagement with a focus on music