

# MITCHELL TALYAT

SOFTWARE ENGINEER

## OBJECTIVE

My goal is to work on computer graphics, something interesting, or both!

## CONTACT

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<https://mtalyat.github.io>

## EDUCATION

### Iowa State University

Bachelor's degree in Software Engineering | 2020-2024

3.63 GPA | President of the Game Development Club for 3 years, Statesmen Choir for 2 years.

### Xavier High School

High School Diploma | 2016 - 2020

3.78 GPA | Participated in Varsity Swimming, Choir, National Honor Society, Honor Roll, and was president of the Programming Club.

## SKILLS

- Self-taught C#, C++, Typescript
- C, Java, JavaScript
- Vulkan, OpenGL, WebGL
- Unity, Visual Studio, Visual Studio Code
- Git, GitHub, Gitlab
- Microsoft Office products
- Technical writing
- Attention to detail
- Problem solving
- Small group leading
- Teamwork and collaboration

## ACKNOWLEDGEMENTS AND PROJECTS

- Eagle Scout
- Creating a video game engine in C++ and Vulkan
- Fall 2020, Spring 2022, 2023, and 2024 Dean's List
- Certified 2016 Microsoft Office Specialist
- Beta Tester for Majic Jungle Software
- Winner of the Fall 2020 and Spring 2021 Iowa State Game Jam Competitions

## EXPERIENCE

### Collins Aerospace

Flight Displays Software Engineer 1 | May 2024 – Present

- Received FDSA verification training.
- Software Engineering Intern | May 2023 – May 2024
- Designed and developed an advanced testing library in Python.
- Worked with a team of specialized engineers on cutting-edge avionics projects.

### Virtual Reality Applications Center (VRAC)

Undergraduate Research Assistant | May 2021 – May 2023

- Analyzed video games to inform human autonomy interfaces.
- Created and presented consistent visual presentations on conducted research.
- Compiled research and information into formal report documents.

### Hy-Vee

Cashier | August 2018 – Summer 2021

- Completed all tasks given by being flexible and quickly learning new skills.
- Performed at an efficient rate while maintaining openness and a friendly smile to customers.
- Completed deliveries independently in a courteous and timely manner.

### All Saints School and Church

Assistant to the Maintenance Director | June 2017 – July 2019, June 2020 – January 2021

- Assisted the maintenance director with general tasks and handiwork around the building and grounds.
- Coordinated with the business department and school staff to ensure all procedures were followed thoroughly and correctly.

### R/B Sales Corporation

Website Designer | September 2019 – November 2019

- Worked with a small team to aid in the development and design of a new website for a company that works with R/B Sales Corporation.