

LOGAN GILLIS

Software Developer

OBJECTIVE

Software Developer with multiple years of personal and professional experience leveraging HTML, JavaScript, and related frameworks like React and Node.js to drive innovative solutions. Always working to enhance and streamline workflows. Looking forward to applying and expanding knowledge and experience in a variety of settings.

EDUCATION

Computer Science
Michigan State University
GPA: 3.4

May 2024
East Lansing, MI

SKILLS

HTML, CSS, JavaScript, React, jQuery, Vue.js, Node.js, WebGL, .NET, Visual Basic, Excel, Java, C, C++, & Python.

EMPLOYMENT HISTORY

Engineering Intern
Modine Manufacturing

December 2023 – Present
Online/Remote

- Programming in Visual Basic in Excel to create tools for internal engineering testing and factory/service order tracking.
 - o Parses SAP data to generate relevant information.
- Adjusting motor program variables in change requests.
- Organizing existing documentation and creating new documentation for worked-on projects.

General Merchandise Clerk
Meijer

March 2020 – November 2023
Holland, MI & Okemos, MI

- Processed photos and worked on photo-related projects in the photo lab.
 - Worked as a team to set up new areas and maintain them.
 - Learned about products in order to assist customers and assisted other departments when necessary.
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RELATED EXPERIENCES & PROJECTS

3D Model for Factory Digital Twin Using WebGPU
Senior Capstone Project

January 2024 – April 2024
Michigan State University

- Designed and built a 3D web application for monitoring IoT sensors in factories via MQTT in Vue.js and Orillusion (a WebGPU wrapper). Worked in a team of 5 to plan, distribute, and coordinate work.

Web-Based 3D Game Engine

2024 - 2025

Personal Project – WebGL, jQuery

- 3D game engine from scratch using WebGL with an interactive editor to build interactive spaces and provide additional features.

2D Game Engine

2024

Personal Project

- 2D game engine from scratch in JavaScript. Examples of resulting games and tools can be found on main website.

Telegram Chat Statistics Analyzer

2025

Personal Project – ReactJS

- Allows importing of Telegram chat JSON data and provides graphs of trends of messages and words.

AI-Assisted Brainstormer and Note Taker

2025

Personal Project – ReactJS, Node.js, MySQL, OpenAI API

- Allows importing of Telegram chat JSON data and provides graphs of trends of messages and words.
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