



# NOLAN OLHAUSEN

Full Stack Developer • Game Developer

## SOFTWARE SKILLS

C	●●●●●
C Sharp	●●●●●
JavaScript	●●●●●
Flutter	●●●●●
HTML	●●●●●
Java	●●●●●
Python	●●●●●
PHP	●●●●●
Ruby	●●●●●
C++	●●●●●
Go	●●●●●
API Int.	●●●●●
MySQL	●●●●●
Unity	●●●●●
Unreal	●●●●●

## SOFT SKILLS

Teamwork	●●●●●
Adaptability	●●●●●
Time Manage	●●●●●
Problem Solving	●●●●●
Communication	●●●●●
Leadership	●●●●●

## INFO

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## Experience

### Dungeons To Your Door

Apr 2025 - PRESENT

### Freelance Web Developer

Collaborating closely with the client as the sole website developer to design, develop, and deploy a clean, modern, and responsive business website related to a travelling Dungeons & Dragons business.

### Eagles Brew Coffee

Nov 2024 - PRESENT

### Freelance Mobile App Dev.

Collaborating closely with the client as the sole app developer to design, develop, and deploy a cross-platform mobile ordering app using Flutter and Square API.

## Education

### Boise State University

Aug 2019 - May 2025

### BS Computer Science

Pursuing a Bachelor's degree in Computer Science, gaining strong foundational knowledge in programming, algorithms, data structures, and software development.

## Project Highlights

### GameBoy Adv. Emulator

Developed a GameBoy Advance emulator in C, replicating core hardware components including CPU (32-bit ARM, 16-bit THUMB) and memory (32/16/8-bit R/W). PPU and APU are in advanced debugging stages.

### Twitter Clone

A full-featured Twitter clone build with PHP, HTML, JavaScript, and CSS, showcasing all core functionalities of a social media platform. This application uses AWS S3 for storing images (e.g. posts and profile images) and MySQL for user, post, and interaction data.

### AI Art Generation Discord Bot

Created a JavaScript Discord bot integrating with a locally hosted Stable Diffusion process, enabling users to generate and receive AI-generated art. Implemented API integration, request handling, and real-time result delivery to showcase AI art capabilities to a broader audience.

### Crypto Trading Bot

Developed a Python bot that integrates with a third-party API and employs multiple trading algorithms to automate cryptocurrency trading on Robinhood.