



# 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

**Eagles Brew Coffee**  
Nov 2024 - PRESENT

**Mobile App Developer Intern**

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 - PRESENT

**BS Computer Science**

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

## Projects

**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.

**Location-Based Mobile Game**

Developing a location-based mobile game using Unity and Niantic Lightship to trigger in-game events, challenges, and rewards. Players can attack/defend points of interest and build in-game kingdoms for resources and army training. Location handling is complete, with game mechanics in development.

**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.