

Samuel Macaluso

SOFTWARE DEVELOPER

☎ (517)-775-3441 | ✉ sam@macalu.so | 🏠 macalu.so | 📷 oonis | 🌐 oonis

Experience

Better Games

FOUNDER / DEVELOPER

November 2018 - Present

Game developing studio founded as a passion project with one other. Tasks include developing while simultaneously interacting with publishers and users.

Michigan State University Institute for Cyber-Enabled Research

East Lansing

DEVELOPER

July 2017 - Present

Wrote build scripts and maintained packages for the super computer. Was also tasked with aiding the transition in upgrading CentOS and migrating everything to a new cluster.

Michigan State University RS-GIS

East Lansing

WEB DEVELOPER

November 2015 - March 2017

Wrote the admissions portal and course registration for the college of Social Work as well as course registration for the school of Human Resources and Labor Relations.

Michigan State University Plant Research Laboratory

East Lansing

RESEARCH ASSISTANT

December 2012 - January 2015

Worked on several papers and projects with faculty including: Visual Phenomics, image recognition and processing for calculating photosynthetic data of plants and PhenoMath, analyze the output from Visual Phenomics, running pattern recognition and outlier detection algorithms to determine interesting data-points.

Public Projects

Puttin' Around

ONLINE MULTIPLAYER MINI GOLF GAME WRITTEN IN C-SHARP RUNNING OFF OF THE UNITY ENGINE. DISTRIBUTED VIA STEAM, AND RUN OFF OF DEDICATED SERVERS.

2019

MSU Social Work Undergraduate Application system

EASY APPLICATION FOR MSU STUDENTS TO APPLY TO THE SCHOOL OF SOCIAL WORK. ADMINISTRATION PORTAL NOT PUBLICLY AVAILABLE. WRITTEN IN PHP WITH A MYSQL DATABASE.

2017

MSU School of Human Resources and Labor Relations Course Registration

EASY WEB REGISTRATION FOR THE MSU SCHOOL OF HRLR, WRITTEN IN PHP WITH A MYSQL BACKEND.

2017

EAT

A NODE.JS WEBSITE TO PARSE AND COMBINE DINING MENUS FOR VARIOUS SOURCES.

2017

Skills

Languages C, C++, C-sharp, Coq, Go, Java, Javascript, PHP, Python, Rust, SQL

Systems Arch, Debian, NixOS, MacOS, Windows

Interests Penetration Testing, Machine Learning, Pattern Recognition, Functional Programming