Samuel **Macaluso**

SOFTWARE DEVELOPER

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Work Experience

Amazon Web Services
CLOUD DEVELOPMENT AND SUPPORT ENGINEER

Portland, OR
October 2019 - Present

- Designed and developed CI/CD pipelines using aws CDK
- Migrated inhouse code to utilize native aws services
- Supported and educated enterprise customers in Lambda, API Gateway, step functions, S3, SQS, and other core AWS services

Vertafore
SOFTWARE ENGINEER

East Lansing, MI
April 2019 - October 2019

- Developed and maintained java web applications
- Migrated existing architecture and source code to a static angular codebase

Better Games LLC
FOUNDER

East Lansing, MI
November 2018 - October 2019

- Designed and implemented the C# backend as well as the netcode used to communicate with Steam
- Handled communication with publishers as well as documentation for forming the company

Michigan State University School of Planning, Design and Construction
DEVELOPER

East Lansing, MI
February 2019 - April 2019

- Utilize ArcGIS for displaying vacancy data statistics on a PHP website
- Developed a login plugin with user management for the Wordpress CMS

Michigan State University Institute for Cyber-Enabled Research
TECHNICAL ASSISTANT

East Lansing, MI
July 2017 - February 2019

- Wrote build scripts and maintained packages for the HPCC.
- Worked on upgrading systems to a new node cluster.

Michigan State University RS&GIS
WEB DEVELOPER

East Lansing, MI
November 2015 - March 2017

- Developed the admissions portal and course registration for the MSU college of Social Work.
- Developed and maintained the course registration website for the MSU School of Human Resources and Labor Relations.

Michigan State University Plant Research Laboratory
RESEARCH ASSISTANT

East Lansing, MI
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.

Projects

CMS G2
CMS USED BY INSURANCE AND SECURITES COMPANIES TO MAINTAIN APPOINTMENTS AND AGGREGATE DATA. WRITTEN IN JAVA WITH A LDAP USER SYSTEM, AND WITH CONNECTIONS TO AWS.

2019

Puttin' Around
ONLINE MULTIPLAYER MINI GOLF GAME WRITTEN IN C# 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 AVALIABLE. 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

Education

Michigan State University

COMPUTER SCIENCE

- Placed 4th at the ACM ICPC 2012.
- Placed 3rd at MHacks 1.

East Lansing

2011 - 2018

Skills

Languages   Angular, C#, Go, Java, Javascript/typescript, PHP, Python, React, SQL