

Aaron Espere

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Education

Wayne State University

Bachelor of Science in Computer Science

Graduation: May 2020

GPA: 3.76 / Major GPA: 3.89

Coursework: Algorithms and Data Structures, Algorithm Design and Analysis, Operating Systems, Computer Architecture, Software Engineering, Database Management Systems

Skills

Programming Languages: C++, Java, Python, JavaScript, Swift

Technical Skills: HTML, CSS, MySQL, Node.js, Git, Microsoft Office

Certifications: mile2 Certified Information Systems Security Officer

Projects

Acuitii Web Application

Node.js, HTML, JavaScript

- Admin portal for company Acuitii's mobile app – a quiz game for medical students.
- Allows admin users to add, delete, and edit questions that show on the mobile app. They are also able to view app statistics and manage users on the admin portal.
- Nontechnical workers can easily add information to the app's Firestore database, resulting in the amount of questions in the database doubling within the first month of use.

eastwesthealthservices.com

HTML, JavaScript, php

- Website created for the company EastWest Health Services.
- Promotes EastWest through informative pages shown in an aesthetic manner.
- Increased activity for EastWest as a direct result of the creation and promotion of the website.

Smash Sets Melee

Node.js, HTML, JavaScript

- Web app that searches for tournaments sets for Super Smash Bros. Melee.
- Users can select characters, whose name is queried to the YouTube API which returns tournament sets containing that character to the user.

Store Database

Java, HTML, MySQL

- Emulation of an online store. Users can insert item information into a MySQL database.
- Integrates profile feature displaying user posted items and favorited items.
- Tests complicated MySQL queries by testing specific use cases.

Octal Calculator

Qt Designer, C++

- Calculator that performs basic mathematic operations on integer octal numbers.

Additional Experience

Shift Manager

March 2017 – March 2020

Go Sy Thai! Griswold / Detroit, MI

- Performed front of house services such as cash handling, customer interaction, phone orders, and serving.
- Extended responsibilities included opening / closing and counting the register.

Receptionist

June 2019 – August 2019

EastWest Health Services / Sterling Heights, MI

- Performed tasks such as filing paperwork, receiving calls, and typing documents.
- Developed the company website hosted on Bluehost and built with HTML.