




Alvin Joshua

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EDUCATION

Indiana University–Purdue University Indianapolis(IUPUI) <i>Bachelor of Science in Computer Science</i>	Sept 2021 - Aug 2023
Shoreline Community College <i>Associate of Arts in Computer Science</i>	Sept 2018 - Aug 2021

RELEVANT COURSEWORK

Courses: Intro to Programming, Computer Science I Java, Computer Science II Java, Discrete Computational Structures, Intro Client-Side Web Programming, Computing II, Intro to Media Application Dev, Data Structures, Arch of Computers, Computation for Scientific App, Server-Side Programming for The Web, Intro to Operating Systems, Data Science, Introduction to Compilers, Multimedia Information Systems, Principles Computers Networking, Intro to 3D Game Graphics, Theory of Computation, Security in Computing, Intro Internet of Things, Explorations Applied Computing

SKILLS

Languages: C/C++, Java, Python, JavaScript, HTML/CSS, PHP, SQL, React, Next.js
Tools: Git/GitHub/GitHub Desktop, Unix Shell, VS Code, phpMyAdmin

PROJECTS

Coffee Shop Website <i>HTML, JavaScript, CSS, Sublime, VS Code</i> <ul style="list-style-type: none"> The JavaScript was mainly utilizing the jQuery library. Users can adjust your sugar and ice level, and also the flavoring syrup amount Featuring a login system and a shopping cart system 	Sept 2020 - Dec 2020
Virtual Grocery Store <i>Java, vim, VS Code, GitHub</i> <ul style="list-style-type: none"> Featuring OOP, a login system that distinguishes regular users and admins, and an item storage system The login system works for both new and returning users Uses command line as the user interface 	Jan 2021 - April 2021
Student Internship Management Website <i>HTML, PHP, JavaScript, CSS, SQL, phpMyAdmin, VS Code, GitHub</i> <ul style="list-style-type: none"> A website which is intended to be used by students, professors, and admins Students can report, update, and make changes to their internships statuses Professors and admins can check and accept or deny the internship reports of their assigned students 	Aug 2021 - Dec 2021
Seasons Color Analyzer <i>Python, Excel, VS Code</i> <ul style="list-style-type: none"> Analyzes the color, hue, and saturation values of each image The values are then depicted as histograms Based on the average values and image observation, we can differentiate and categorize each season 	Aug 2022 - Dec 2022
Automatic Object Color Sorter <i>Python, VS Code, Raspberry Pi</i> <ul style="list-style-type: none"> We used a servo motor, a color sensor, and a motion sensor The machine takes in items, holds them in place, then scan their color Keep count of objects in each color category, release each object in their corresponding container And lastly, sends the color count report to a predetermined email 	Jan 2023 - April 2023

EXPERIENCE

CS Club <i>Member</i> A gathering where each student participates by brainstorming and pitching in ideas which are then used to make games.	2020-2021
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