NIMA ROOMI

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EXPERIENCE

University of Maryland, Baltimore County
      Division of Information Technology (DoIT)
IT Technician   February 2018 – 2020

- Provided technical support to students, faculty, and staff
- Troubleshot and repaired computers, scanners, and printers
- Improved laptop loan program with a revised policy
- Increased laptop supply by introducing cheaper Chromebook alternative
- The new changes drastically reduced laptop unavailability
- Proposed and implemented Android tablets to expedite book purge and retrieval

EDUCATION

University of Maryland, Baltimore County (UMBC)   May 2020
B.S. in Information Systems   3.81 Major GPA

Relevant Coursework: Database Design, Data Structures, Algorithms, Systems Architecture, Network Design and Management, GUI Systems Using Java

TECHNICAL SKILLS

Python	JavaScript	C++
Git	React	SQL
Docker	Node.js	HTML/CSS

PROJECTS

Lumify
- Built hardware to interface any LED strip remotely by using any microcontroller with an ESP2866 Wi-Fi module
- Implemented MQTT protocol for lightweight communication between AWS and microcontroller
- Created a React Native app to authenticated and connect users with their LED strip
- Designed several custom effects with FastLED library

Sushi Hana Website
- A responsive website written in React for Sushi Hana; a Baltimore based sushi restaurant.
- RESTFul API with ExpressJS backend
- Incorporated DoorDash online ordering and form submission for hiring.

InstaFashion
- Android app for sharing and rating user's professional attire
- Backend developed with Parse platform, stored user data, photos, posts, and ratings

HACKATHONS

BitCamp   April 2019
- Led a team of four students to create Lumify
- Used React Native, Node.js, C++, and PostgreSQL
- Lumify is software that allows any WS2812B Led strip variant to become a smart device.
- Allows user to enable/disable strip, alter intensity, and change effects via the app.

HopHacks   September 2017
- Used HTML, CSS, JavaScript, and jQuery to build a website that took financial information from the user's bank to help user budget and save money
- Implemented Google maps API and Capital One hackathon API Nessie to track the locations of users' expenditures over the past week