

Nima Roomi
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EDUCATION

University of Maryland, Baltimore County (UMBC)
BS in Computer Science

May 2020

Relevant Coursework: Database Design, Data Structures, Algorithms, Programming languages, Systems Architecture

EXPERIENCE

UMBC

Circulation Services

February 2018 – Present

- Work independently to charge out books, retrieve holds, return books, and accept payment for fines.
- Answer questions regarding library holdings and library policy
- Troubleshoot computers, copiers, and printers
- Shelve and sort books in strict Library of Congress order

Dulaney High School

Tech Intern

September 2015 – June 2016

- Installing and configuring new and old hardware
- Installing and configuring appropriate software
- Providing direct technical assistance and troubleshooting technical issues

SKILLS

- | | | |
|-------------------|--------------|-----------|
| • Fluent in Farsi | • JavaScript | • MQTT |
| • C++ | • Java | • Node.js |
| • Python | • Git | • SQL |

HACKATHONS

BitCamp

April 2018

- Led a team of four students to create Lumify
- Used React Native, Node.js, C++, and PostgreSQL
- Lumify is a controller and 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 app.

HopHacks

September 2016

- 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

HONORS & AWARDS

1st place Computer Problem Solving - Maryland FBLA

March 2015

Qualified for Worlds - Dulaney VEX Robotics

March 2016

EXTRACURRICULAR ACTIVITIES

UMBC Cyber Dawgs (computer & network security)

September 2016 – Present

Retriever Robotics

September - December 2017

PROJECTS

Lumify

- Programmed NodeMCU microcontroller with ESP2866 Wi-Fi module to control any LED strip remotely
- MQTT lightweight communication between microcontroller and server
- React Native app that allows user to log in and control any strips with several effects.

InstaFashion

- Android app for sharing and rating user's professional attire
- Backend done with parse, stores account data, photos, posts, and ratings.