Michael Alssid

Barrington, RI 02806
401-297-4755 (cell)
mlalssid@gmail.com
michaelalssid.dev (Portfolio)
https://github.com/malssid
https://www.linkedin.com/in/michael-alssid/

EDUCATION

University of Rhode Island, Kingston, RI (May 2022)
Bachelor of Arts in Computer Science, Minor in Cyber Security

COMPUTER SCIENCE COURSE WORK

Object Oriented Programming, Data Structures and Abstractions, Fundamentals of Programming Languages, Software Engineering, Dynamic Web Design & Programming, Database Management Systems, Operating Systems and Networks.

TECHNICAL SKILLS

Javascript, HTML, CSS, React, Node, MySQL, NextJS, C++, Python, Git/Github, Microsoft Office, Zoom, Google Workspace.

PROJECTS

RhodyRates
- Created application enabling URI students to view and rate courses.
- Incorporates voting feature instead of comments to capture student feedback.
- Built using a combination of Reddit (without user posts) and Coursicle.
- Technologies: ReactJS, ChakraUI, Express, PostgreSQL, Docker

Brighterspace
- Collaborated with a friend to build an LMS (learning management system) inspired by Brightspace.
- Targeted towards universities that are looking for an efficient tool for managing students, courses, assignments and more.
- Technologies: NextJS, ChakraUI, MySQL

Badging Program
- Helped build a prototype for the Rhode Island Department of Education that awards badges to K-12 Computer Science students in the state.
- Badges are based on Rhode Island Computer Science Education Standards.
- Read data from Google Sheets for the badge submissions and to authorize the student via parent/teacher approval before they're reviewed.
- Technologies: Python, Google Forms, Google Sheets, Badgr (open source digital badge platform).

WORK EXPERIENCE

Teaching Assistant Computer Science, University of Rhode Island (September 2020-present)
- Assist students with their assignments during weekly help hours and in class lectures/labs
- Made auto-graded coding quizzes using Javascript
- Soft skills: Communication, troubleshooting,supervising.

Research Assistant for CS4RI (May 2021-September 2021)
- Producer (zoom moderator) for K-12 teacher trainings
- In charge of managing break-out rooms and providing technical assistance.
- Soft skills: Communication, managing virtual teams, time management.

CLUBS AND ACTIVITIES

Ram Hacks Club Member, University of Rhode Island (2018-present)
Jazz Ensemble, Rhode Island Philharmonic (2016-2017)
- Piano

Piano Lessons/Performances, Rhode Island Philharmonic (2009-2017)
- Classical piano
- Perfect score at RIMEA Solo Ensemble Competition at Rhode Island College (2014)