Michael Alssid

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EDUCATION

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

TECHNICAL SKILLS

Javascript, Elixir/Phoenix, Python, HTML, CSS, React, Node, Express, GraphQL, SQL, NextJS, C#, Java, Git/Github, Jira, AWS.

WORK EXPERIENCE

MojoTech - a Software Development Consultancy (January 2022-November 2022)

- **Helios** (office weather display) **-**
  - Helped rewrite the Ruby on Rails application in Elixir/Phoenix.
  - Wrote a Slack bot that users can communicate with in order to post announcements to Helios from a Slack channel.
- **Client work** -
  - Wrote a Python script that utilized regular expressions to correct over 2000 cases of SQL injection in .NET applications.
  - Wrote a Java library to abstract away common file IO operations. This involved implementing an interface for a local file system and an S3 bucket.

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
- Created 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
- Provided technical assistance, including management of breakout rooms.
- Soft skills: Communication, managing virtual teams, time management.

PROJECTS

RhodyRates

- Created application enabling URI students to view and rate courses.
- Incorporates voting feature instead of comments to capture student feedback.
- Inspired by Coursicle.
- Technologies: ReactJS, ChakraUI, Express, PostgreSQL, Docker

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, Pandas, Google Forms, Google Sheets, Badgr (open source digital badge platform).