

Micah LaSala

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Objective

I'm a highly motivated computer science graduate seeking full-time work. I'm always excited by the opportunity to explore complex systems, and create solutions to interesting problems. I specialize in Web and Software Development, but have robust skills in a variety of areas. I pride myself on my adaptability and ability to learn quickly, and I'm passionate about putting my all into everything I do.

Education

University of North Carolina at Charlotte, Charlotte, NC | May 2024

Bachelor of Computer Science | Concentration: Software, Systems, and Networks

- Software Engineering, Cloud Computing, High Performance Computing, Database Design and Implementation, Data Mining, Data Structures and Algorithms

Technical Skills

Languages: C#, Javascript, Python, SQL, Java, HTML, CSS, C++

Frameworks: React, React Native, ASP.NET, NodeJS, TensorFlow, BabylonJS

Additional Tools: Git, Docker, Gradle

Practices: REST APIs, Performance Optimization, Database Design, Application Development, Documentation, Test Writing

Platforms: .NET, Azure, Visual Studio, VSCode, IntelliJ, Android Studio

Certificates

Microsoft AZ-900: Azure Fundamentals (Feb 2025)

Projects

P2P Messaging App (Web & Mobile)

- React Native (Web, Paper, WebRTC)
- Prototype peer-to-peer chat messaging app, intended for copy/paste and file delivery.

Exoplanets Visualizer

- React, BabylonJS, PostgreSQL, NodeJS, WebGPU
- Web-based 3D visualizer for data from the NASA Exoplanets Archive

Image Ranking Web App, Capstone Project

- Full stack SPA Web Application
- React, ASP .NET, PostgreSQL, Microsoft Azure, Kubernetes, MUI, Docker, Entity Framework
- Completely self-directed, responsible for research, design, implementation, and testing.

Work Experience

Math/Science Tutor

Huntington Learning Center, Cary, NC

Oct 2024 - Present

- Prepare students for ACT/SAT exams, consistently resulting in improved test scores
- Teach and reinforce Calculus, Geometry, and Pre-Calculus material to HS students
- Work closely with management to document and optimize student growth strategies

Personal IT Support

Freelance

Sep 2011 - Nov 2022

- Provided IT support services such as file recovery, device setup, troubleshooting, and teaching software operation