

Micah LaSala

Raleigh, NC | (919) 438-2091 | mlasala45@gmail.com | [LinkedIn](#) | [Portfolio](#)

Education:

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

Bachelor of Computer Science | Concentration: Software, Systems, and Networks (3.20 GPA)

- 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

Additional Tools: Git, Docker, Gradle

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

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

Projects:

P2P Messaging App (Web & Mobile)

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

Exoplanets Visualizer

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

Image Ranking Web App, Capstone Project

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

Development Experience:

- Code Organization, Detailed Documentation, Encapsulation and Implementation Design
 - Microservices and Component-based architectures
- Performance Optimization, Bottleneck Identification and Remediation, Scalability
- Writing Automation Tools, Utilities, Tests
- Debugging, Creating appropriate Debug Messages and Variables, Identifying and Correcting Runtime and Logic Errors

Work Experience:

Huntington Learning Center, Cary, NC

Oct 2024 - Present

Math/Science Tutor

- Use robust technical communication to build deep understanding of information.
- Work closely with management to document and plan for student success.

Noodles and Company, Cary, NC

Jun 2020 - Aug 2022 (Summers)

FOH Worker