

# Micah LaSala

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## Education:

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

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

**Wake Technical Community College**, Raleigh, NC | May 2021

Associate in Engineering

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## Technical Skills:

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

**Additional Tools:** Git, Docker, Gradle

**Platforms:** Visual Studio, .NET, Microsoft Azure, React, ASP.NET, IntelliJ, Android Studio

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

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## Course Projects:

**Image Ranking Web App**, Capstone Project

- Developed full stack SPA web application using React, ASP .NET, Docker, Microsoft Azure, Kubernetes, Entity Framework, PostgreSQL, and MUI.
- Completely self-directed, responsible for research, design, implementation, and testing.

**Social Media Service**, Software Engineering

- Developed backend and frontend features to demonstrate a functional social media service using Flask.
  - Designed and utilized a SQL database schema to store and retrieve posts and accounts.
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**Related Courses:** Database Design and Implementation, Software Engineering, Cloud Computing, Data Mining, High Performance Computing, Logic System Design, Data Structures and Algorithms

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## Personal Development History: *(Practices used in personal projects)*

- 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
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## Work Experience:

### Personal IT Support

*Freelance*

Sep 2011 - Nov 2022

### FOH Worker

*Noodles and Company*, Cary, NC

Jun 2020 - Aug 2022 (Summers)

### Delivery Driver

*Panera Bread*, Raleigh, NC

May 2018 - May 2019