

# Julian Stegall

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## EDUCATION

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### Universtiy of North Carolina Charlotte

*Bachelor of Science in Computer Science, Minor in Mathematics*

Charlotte, NC

*Aug. 2023 – May 2026*

## EXPERIENCE

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### Regional Supervisor/Facility manager

June 2020 – Present

*Swim Club Management Group*

*Charlotte, NC*

- Collaborated with a team to direct and guide the operations of 26 pools, providing oversight and leadership to over 200 lifeguards.
- Ensured smooth operations, safety compliance, and team cohesion while maintaining operational excellence. Communicated effectively with staff and clients, ensuring procedures, and safety protocols, resulting in efficient coordination and enhanced satisfaction.
- Delivered exceptional customer service by addressing client concerns, resolving operational issues, and maintaining strong, positive relationships with pool patrons and clients

## PROJECTS

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### Data Structures and Algorithms | *Java*

- hash tables and hash functions in Java utilizing arrays and linear probing algorithms to efficiently
- Applied JUnit testing practices to verify functionality and ensure program accuracy.
- Designed, developed, and manipulated various data structures, including stacks, queues, bags, and sets in Java.

### Tip Tracker | *Python, MySQL, Qt Designer*

- Developed an application to assist keep track of tips and other statistics for service workers
- Implemented python and MySQL to handle logic and data management
- Implemented continuous delivery using TravisCI to build the plugin upon new a release

### UNCC Class Website | *HTML, CSS, JavaScript*

- Designed and developed a series of websites in HTML, CSS, and JavaScript for my web-based application design and development class
- [webpages.charlotte.edu/jstega13/](http://webpages.charlotte.edu/jstega13/)

## RELEVANT CLASSES

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### Data Structures and Algorithms | *Java*

- Utilizing Java and object-oriented programming to master essential programming fundamentals
- learned and implemented data structures such as arrays, linked lists, stacks, queues, trees, and graphs
- learned and implemented algorithms sorting, searching, and inserting

### Database design and implementation |MySQL, Python, Oracle liveSQL

- Developed proficiency in SQL and database design principals using Oracle's LiveSQL platform

### Web-Based Application Design and Development |HTML, CSS, JavaScript

- Utilize HTML, CSS, and Javascript to design and develop interactive web applications

## TECHNICAL SKILLS

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**Languages:** Java, Python, C, SQL (MySQL,SQLite), JavaScript, HTML/CSS

**Developer Tools:** Github, Docker, VS Code, Visual Studio, PyCharm, Android Studio

## STUDENT INVOLVEMENT

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- College of Computing Informatics' Business Partners
- Finance Club
- Computer Science Collaborative Education