

# Joseph Thompson

Charlotte, NC | (704) 576-8915 | joeythompson1014@gmail.com | linkedin.com/in/joseph-l-thompson | GitHub: jlthompson96

## EDUCATION:

**University of North Carolina at Charlotte**, Charlotte, NC

August 2021

Bachelor of Arts in Computer Science | Concentration: Information Technology | Minor: American Studies

GPA: 3.17/4.0

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## TECHNICAL SKILLS:

**Languages & Technologies:** Java, HTML, CSS, JavaScript, JSON, Python, SQL, MySQL, C#, Command Line, Linux, MacOS, Git, Database

**Fundamental Concepts:** Agile Development, Scrum, Client Relations, Software Engineering, Project Management, Software Testing, Object-Oriented Programming

**Certifications:** CompTIA A+

April 2019 – April 2022

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## WORK HISTORY:

**Mission Baseball Athletics Association**

December 2019 - Current

*Web Developer*, Stallings, NC

- **Created and designed** a modern, agile, and interactive website using the Bootstrap framework which allowed for clients to easily gain access to information as well as sign up for camps which resulted in a 75% increase in camp registrations.
- **Engaged and collaborated** with coaches to ensure accurate and up to date information on team rosters.
- **Utilized and implemented** an Apache web server with certbot to ensure a responsive and secure website.
- **Migrated** current system over to WordPress for a more flexible environment.

**Greenway Chemical Systems & Services**

January 2012 - Current

*IT Systems Administrator*, Belmont, NC

- **Accelerated the growth** of a small startup into a multi-state industrial water treatment company that serves the greater southeast region.
- **Redesigned and developed** multiple websites that brought in new clients and improved customer relations through more available information.
- **Migrated** current system over to WordPress for a more flexible environment.
- **Collaborated** with the operations manager to enhance the office by adding custom built equipment, security systems, custom record keeping programs, as well as managing the social media accounts.
- **Boosted client relations** through routine check in to ensure the client was not having any issues with their controller as well as program any controllers as needed.
- **Maintain and manage** the entire offices local network as well as the security it uses to ensure a secure and efficient network.
- **Assisted** in operating seminars to customers to ensure the technology was running properly.
- **Increased office productivity** through developing and maintaining office computers and networks to ensure a seamless and stress-free work environment.

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## COURSE PROJECTS:

Web Based App Design and Development – Final Website Project (UNC Charlotte)

August 2019 – December 2019

- **Created and developed** a website using HTML5, CSS3, JavaScript.

- **Implemented** jQuery, AJAX and JSON components to display various data across the website.

Software Engineering – Know Social (UNC Charlotte)

August 2019 – December 2019

- **Worked and collaborated** with a group of 4 others to design and develop an application that pulls data from twitter analyzes the tweets and displays whether the sentiment of the tweet is positive or negative.
- **Implemented technologies** such as Java, JavaFX, JDBC, SQL, and various APIs to pull data from Twitter and analyze the tweets.

Database Design and Implementation – Database Project (UNC Charlotte)

August 2020 – December 2020

- **Developed and created** a database using the MySQL language, workbench, as well as and database design methodologies.
- **Designed** relational models and EERD diagrams using DRAW.IO to demonstrate the relationships between objects in the database design.

Software Development Senior Capstone Project – 9erPark (UNC Charlotte)

January 2021 – Current

- **Collaborated** on an iOS application with a team of 5 to display UNC Charlotte parking deck data to the user.
- **Programmed** the application with the Swift programming language as well as the Xcode IDE.
- **Conceptualized and designed** lo-fi and hi-fi prototypes using Balsamiq and Figma.
- **Collaborated and maintained** using Git and GitHub for version control management.