

# Joseph Watson

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## EDUCATION

University of North Carolina at Charlotte

Bachelor of Science: Computer Science

Charlotte, NC

December 2026

## RELEVANT COURSEWORK

### Software Engineering

Spring 2025

- Developed a team-based web application using Django, Python, HTML, CSS, JavaScript, and Git with Agile sprint planning.
- Gathered and analyzed user requirements to translate them into technical designs while contributing to development, testing, and deployment.
- Emphasized usability, security, reusable design patterns, and software quality assurance throughout the project lifecycle.

### Database Design and Implementation

Spring 2025

- Designed and analyzed SQL database structure and data models for a valet garage system, addressing design challenges to improve data management.
- Monitored and troubleshooted database operations to maintain data accuracy and support smooth functionality.

### Computer Systems

Spring 2024

- Applied computer system abstractions in C and assembly across computer architecture, memory management, system calls, and networking concepts.
- Utilized command-line tools for file and directory management and gained proficiency in network protocols including HTTP, MAC, IP, and DNS.

### Data Structures and Algorithms

Fall 2023

- Analyzed the theory and implementation of abstract data types including stacks, queues, and both general-purpose and specialized trees and graphs.
- Implemented algorithms for creating, searching, and traversing abstract data types used in software applications.

## WORK EXPERIENCE

### Parking Management Company

Charlotte, NC

Valet Parking Associate

March 2025 - Present

- Improved valet operations by streamlining vehicle intake and retrieval, reducing wait times while ensuring courteous service and vehicle care.
- Supported team operations to ensure smooth traffic flow and a positive guest experience in a high-volume, fast-paced environment.

### UNC Charlotte College of Computing and Informatics

Charlotte, NC

Dean Ambassador

November 2023 - Present

- Investigated and resolved visitor inquiries while connecting individuals with key academic and career resources.
- Led tours of the College of Computing and Informatics for prospective students and their families.

### Harris Teeter

Wesley Chapel, NC

Personal Shopper Associate

March 2022 – May 2025

- Oversaw order intake, delivery logistics, and adaptive delivery localities to ensure timely and accurate fulfillment.
- Delivered exceptional customer service by resolving issues and supporting associates, management, and customers.

## PROJECTS

### Blackjack

- Developed a Java text-based Blackjack game with an emphasis on applying object-oriented principles and essential programming skills.
- Contributed as the sole developer to design, implement, and deliver a Java-based Blackjack game project. Led all phases, including ideation, coding, testing, and finalization.

### Portfolio Website

- Designed, built, and deployed a fully responsive portfolio website validated through user testing to showcase projects and improve professional visibility.
- Added interactive features with HTML, CSS, and JavaScript, enhancing usability and user engagement based on testing feedback.

## CLUBS AND VOLUNTEER WORK

### Black Student Union

Charlotte, NC

Member

Fall 2022 – Present

- Engaged in meetings centered on leadership, teamwork, and professional development within a diverse community.

### National Society of Black Engineers

Charlotte, NC

Member

Spring 2025 – Present

- Participated in technical workshops and networking events to enhance engineering skills and industry knowledge.

### Common Heart

Indian Trail, NC

Food Sorter

2019 - 2022

- Facilitated management and vendors with food distribution.

### Take On Sports

Weddington, NC

Buddy Volunteer

2016 - 2020

- Mentored and supported developmental and physically challenged athletes in various sports.

## SKILLS AND INTERESTS

Technical - Java | HTML | CSS | C | SQL | Django | Python

Interests - Sudoku | Weightlifting | Soccer | Watching Movies/Shows/Anime