# Adrian Jordan Khlim

Charlotte, NC | adriankhlimusa@gmail.com | 704-534-1696 | [linkedin.com/in/adriankhlim/](https://linkedin.com/in/adriankhlim/) | [github/adriankUSA](https://github.com/adriankUSA)

## EDUCATION

**University of North Carolina at Charlotte**                               Charlotte, NC
*B.S., Computer Science*                                                 December 2026
**Relevant Courses:** Data Structures and Algorithms, Database Design, Human-Centered Computing, Intro to Probability and Statistics, Logic and Algorithms.

**Central Piedmont Community College**                                     Charlotte, NC
*A.A., General Studies with coursework in Computer Science*              December 2023
**Relevant Courses:** Java, Advanced Java, Intro to C++, Calculus II, Linear Algebra.

**Technical Skills**: Java, C++, SQL, Python, HTML, CSS, JavaScript, Flask, Database Management, Relational Databases, Microsoft Office.

## EXPERIENCE

**University of North Carolina at Charlotte**                               Charlotte, NC
**Teaching Assistant - College of Computing and Informatics**        August 2024 - Current
- Supported 75+ students in mastering object-oriented programming, data structures, and algorithms.
- Conducted weekly office hours to provide personalized assistance, improving grades by 115%.
- Designed and evaluated solutions to lab problems and quizzes, collaborating with other TAs.

**The Home Depot**                                                          Charlotte, NC
**Customer Service and Order Fulfillment Specialist**            January 2021 - January 2024
- Led the fulfillment of a $50,000 delivery leading to a $500,000 contract.
- Managed logistics for 30+ daily orders, improving process efficiency and client satisfaction.
- Conducted sales and rental services, becoming well proficient with retail employee applications.

## PROJECTS

**Golden Hack 2024 Winner - Studybunny** | *Web Programming*              October 2024
- Developed a prototype using HTML, CSS, and JavaScript to leverage LLMs to enhance student study methods and transform students' notes.
- Implemented front-end components and ensured seamless team collaboration through Git.
- Directed a team of 4 developers, streamlining workload and fostering clear communication.

**Charlotte Hack 2024  Second Place - Line Forty Nine** | *Full Stack Programming*      October 2024
- Programmed a live bus tracking system with Python and Flask, utilizing the PassioGo! API.
- Designed a front end web page and Chrome extension with HTML, CSS, and JavaScript.
- Integrated back-end services to process data from 20+ bus routes and 10+ vehicles to develop estimated arrival times for different buses.

**Automatic High Beam Prototype** | *IoT*                        April 2024 - May 2024
- Engineered an automatic high beam prototype using C++, Particle board, and light sensors to detect incoming vehicles and automatically switch to low beams, visualizing real time data with Losant.

**Soil Climate Monitor Particle Device** | *IoT*                         February 2024
- Built a soil climate monitor device using C++ and Particle, publishing live data to a dashboard.
- Automated alerts and fan activation by integrating temperature, humidity, and moisture sensors.