

Christopher Chaiban

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EDUCATION

The University of Texas at Dallas

August 2022 – May 2026

Bachelor of Science, Computer Science

GPA 3.0

Relevant Coursework: Software Engineering, OS Concepts, Computer Science I & II, Programming Language Paradigms, Advanced Algorithm Design and Analysis, Data Structures and Introduction to Algorithmic Analysis

SKILLS

Java, C++, Python, Networking (CCNA)

PROFESSIONAL EXPERIENCE

No prior work experience

ACADEMIC PROJECT EXPERIENCE

Dots-and-Boxes Game, Computer Architecture

April 2023 – May 2023

- Developed a dots-and-boxes game in assembly language as part of a team project demonstrating low-level memory and logic control
- Led weekly sprint meetings to delegate assembly development tasks and track progress
- Designed and implemented the interactive game board and core logic using structured control flow in assembly

Game Creation, Software Engineering

March 2024 – May 2024

- Developed a bullet hell arcade-style game using Greenfoot and Java as part of a team software engineering project.
- Coordinated weekly Agile-style meetings and managed version control and code integration using GitHub.
- Implemented 2D game sprites and configured game board layout using Greenfoot's object framework.
- Presented final product with UML class diagrams and sequence diagrams to demonstrate design architecture and logic flow.

Racket Calculator, Programming Language Paradigms

March 2025 – April 2025

- Built a functional calculator in Racket that supports prefix notation and maintains a calculation history.
- Documented project progress using a GitHub repository and structured devlogs to track implementation milestones.
- Engineered dual-mode functionality enabling both batch and interactive usage for flexible input handling.
- Implemented prefix notation parsing and persistent history tracking to support advanced arithmetic operations.

VOLUNTEER EXPERIENCE

Katy Christian Ministries, Resale Store Kingsland Blvd, Katy, TX

March 2021 – May 2021

- Assisted both employees and customers with issues that arise
- Organization of items such as books and clothing
- Cleaning the store to keep it presentable
- Thrifted through donated items to ensure quality

CERTIFICATIONS

Cisco Certified Network Associate (CCNA 200-301), Issued by Cisco, Verifiable on LinkedIn

ORGANIZATIONS

Computer Security Group, UT Dallas

January 2023 - Present