

# Kevin Gautier

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## CAREER PROFILE

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Ambitious Computer Science student at the University of North Texas graduating in Spring 2024 with a Bachelor's in Computer Science. Seeking education in a doctoral program. Skilled in coding, software engineering, database systems, A.I. algorithms, sorting algorithms, and systems programming.

## EDUCATION

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*University of North Texas | Denton, Texas*

**Bachelor of Science | Computer Science**

**Expected May 2024**

GPA: 3.701

**Relevant Coursework:** Data structures and algorithms, Computer Organization and Assembly, System Programming, Software Engineering, Artificial Intelligence, Database systems, computer networking

## TECHNICAL SKILLS

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**Software:** Visual Studio Code | Github | Microsoft Office Suite | Eclipse | Wireshark | PuTTY | Wordpress

**Programming Languages:** C & C++ | Python | Java | JavaScript | Typescript

**Operating Systems:** Windows | MacOS | Linux (Ubuntu) | IOS | Android

## ENGINEERING PROJECTS

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**Lego Mindstorms VS Code Extension** August 2023–Present

- Working with group of 3 others to add accessibility features for VS Code
- Adding functionality and bug fixes to project that was developed by three previous groups
- Personally implemented in-line contextual sound cues and text-to-speech functionality
- Providing deliverables to the client on a periodic sprint basis

**HTML Guideline Checker** January 2024–Present

- Designed and implemented an extension for VS Code which scans the user's html files and provides a report of any violations against A11Y accessibility guidelines.
- Conducted research to gauge student programmers' rate of violations against these guidelines.
- Utilized VS Code's webview to display tabular and graphical data to users.

**Job Shop Problem** March 2023–April 2023

- Used genetic algorithm to find way to schedule jobs to machines to have shortest functional makespan time
- Uses a complex fitness algorithm to determine order of scheduling
- Completed in 2 weeks with 1 team member
- Programmed in Python

## EMPLOYMENT EXPERIENCE

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**Dorm Resident Assistant, University of North Texas, Denton, TX**

August 2021–May 2023

- Maintained a hall of 57 residents
- Ran programs to promote engagement and collaboration among residents
- Performed On Call duties on a 3-week basis, for 14 hours at a time
- Responded to incidents as they arose