

# AHMAD ABRAHAM

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## EDUCATION

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### Saint Xavier University

*Bachelor of Science in Computer Science*

GPA: 4.0/4.0 Dean's List

**Chicago, IL**

*May 2025*

## SKILLS

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**Programming:** Java, C++, Python, JavaScript, C#

**Web & Database:** HTML, CSS, MySQL, Node.js

**Technical:** Microsoft Excel (PivotTables, VLOOKUP, Macros), VSCode, Apache NetBeans, Power BI, Git, GitHub, Trello, Google Suite

**Language:** English (Native), Arabic (Conversational)

## PROJECTS

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### Native Garden Planner Website (Full-Stack)

Personal Project ([Demo](#)) ([GitHub](#))

- Developed a full-stack website for planning native gardens, featuring a plant database with full CRUD functionality
- Designed the website's concept and layout for a user-friendly interface and implemented a feedback database to collect user input for continuous improvement.
- Previously deployed the website on Amazon Web Services (AWS) EC2 for 12 months.
- Tech Stack: **HTML, CSS, JS, MySQL**

### Student Productivity Website (Back-End)

Coursework: Capstone ([Demo](#)) ([GitHub](#))

- Collaborated in a team of 5 to develop a full-featured student productivity web application.
- Responsible for designing and implementing the back-end architecture and database structure
- Built and integrated a secure user authentication system with full CRUD functionality.
- Developed the messaging system as a full-stack feature
- Tech Stack: **HTML, CSS, Bootstrap, JS, MySQL**

### Scripting & Data Visualization

- Web Scraper ([GitHub](#)): Developed a web scraper in **Python** that extracts any information from a webpage and generates a CSV file with the collected data.
- Data Visualization ([File](#)) ([Screenshot](#)): Created data visualizations in **Power BI** using mock financial information from a gardening center to provide valuable insights and analysis.

## ACTIVITIES

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### Tau Sigma

*Member*

**Chicago, IL**

*September 2024 – May 2025*

- Actively participate in organizing and executing community fundraising events such as charity runs and food drives.
- Contribute to promoting events and engaging with community members to maximize participation and impact.