

# ANH PHAN

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## EDUCATION

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### Bachelor of Science, Computer Science

May 2025

*Towson University, Towson, MD*

- **GPA:** 4.0
- **Major GPA:** 4.0
- **Relevant coursework:**  
Artificial Intelligence | Data Structures and Algorithm Analysis | Introduction to Statistical Methods | Database Management Systems | Mobile Application Development (iOS) | Web-based Programming | Object-Oriented Design and Programming | Software Engineering | Writing for Business and Industry | Public Speaking

## TECHNICAL SKILLS

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- **Programming Languages:** Java, Python, HTML, CSS, JavaScript, Swift, C++, F#
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Version Control & Collaboration:** Git, GitHub, GitLab
- **Applications:** Microsoft 365, Google Workspace

## RELEVANT EXPERIENCE

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### Undergraduate Student Researcher, Software Engineering Lab

Feb 2024 - Apr 2024

*Department of Computer & Information Science, Towson University, MD*

- Researched machine learning techniques (e.g., neural networks) for enhancing software quality and security, while reviewing academic papers on blockchain and mutation testing.
- Communicated weekly updates on progress, challenges, and next steps to team and supervisors.

## RELEVANT PROJECTS

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### AD.HEALTH.COM - Healthcare Appointment Management Website

Spring 2024

*Software Engineering Course, Towson University, MD*

- Developed a robust, full-stack web application to streamline healthcare appointment scheduling, utilizing JavaScript, HTML, CSS, PostgreSQL, React.js, Node.js, and Express.js.

### AD-MVS Database - Healthcare Appointment Management Database

Spring 2024

*Database Management Systems Course, Towson University, MD*

- Designed and developed a healthcare appointment management database using Java and MySQL Workbench.

### Recursive Descent Parser

Spring 2024

*Programming Languages Course, Towson University, MD*

- Built a recursive descent parser in F# and Java for a custom language, focusing on syntax analysis and token parsing to interpret program instructions accurately.

### File Management System Simulation

Spring 2024

*Operating Systems Course, Towson University, MD*

- Developed a Java-based simulation of file management functionalities, including directory management, file creation, file deletion, disk management, block allocation, and retrieval of file metadata.

## SKILLS

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- Bilingual English and Vietnamese
- Elementary Korean