

ANH PHAN

White Marsh, MD | (443) 969-1830 | anhlpphan03@gmail.com | anhlpphan.github.io

EDUCATION

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 | Programming Languages: Design and Implementation

TECHNICAL SKILLS

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

RELEVANT EXPERIENCE

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

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

- Bilingual English and Vietnamese
- Elementary Korean