

# PANHAPICH LEANG

## COMPUTER SCIENCE STUDENT

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[HTTPS://GITHUB.COM/PANHAPICHPLEANG](https://github.com/panhapichleang)

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### Profile

Motivated Computer Science student at West Chester University with dual Associate Degrees in Business and Computer Information Systems. Proficient in programming algorithms, Object-Oriented Programming (OOP), and software development practices. Demonstrates strong problem-solving skills, a dedicated work ethic, and effective time management. Passionate about pursuing a career in Software Engineering with a focus on code development and system optimization.

### Skills & abilities

- **Programming Languages:** Java, Python
- **Familiarity With:** C, JavaScript, SQL, CSS, HTML
- **Tools & Platforms:** MS Word, Excel, PowerPoint, GitHub, Visual Studio Code
- **Soft Skills:** Time Management, Problem Solving, Communication
- **Other Skills:** Bilingual, Keyboard Typing Proficiency

### Experience

#### TEXT PROCESSING PROJECT | CSC240 | WEST CHESTER UNIVERSITY, PA | FALL 2024

- **Problem Solving:** Analyzed project requirements and developed a structured approach to create a text processing application in Java.
- **Technical Implementation:** Implemented Java file I/O operations to read, manipulate, and write text data effectively.
- **Design & Planning:** Created a comprehensive UML diagram to visualize program structure and workflows.
- **Documentation:** Produced detailed reports outlining the development process, challenges faced, and solutions applied.
- **Outcome:** Delivered a fully functional program that met all requirements, showcasing strong programming and analytical skills.

#### LINKEDLIST EXPLORATION PROJECT | CSC240 | WEST CHESTER UNIVERSITY, PA | FALL 2024

- **Innovative Development:** Designed and implemented a custom doubly linked list in Java with advanced features for performance optimization.
  - **User Experience:** Developed an interactive GUI to make the data structure visualization user-friendly and engaging.
  - **Planning & Testing:** Constructed UML diagrams to map the system architecture and executed rigorous testing to validate functionality.
  - **Analytical Insights:** Documented testing results, reflected on program behavior, and provided a narrative of the development process.
  - **Achievement:** Delivered an efficient, interactive program that enhanced understanding of data structures and GUI implementation.
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## Education

### **WEST CHESTER UNIVERSITY | WEST CHESTER , PA**

***January 2024 – present***

Pursuing Bachelor Degree in Computer Science

Grade Level: Junior

Expected Graduation: May 2026

### **COMMUNITY COLLEGE OF PHILADELPHIA | PHILADELPHIA , PA**

***September 2019 – December 2023***

Associate Degree in Business General

Associate Degree in Computer Information System

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