

THORNG AMARA

Application for:

Address: Sangkat Toul Sangae Ti1, Russey Keo District, Phnom Penh, Cambodia

Email: amarathorng2703@gmail.com | **Telephone/Telegram:** (+855) 93 536 872 | [GitHub](#) | [LinkedIn](#)

PROFILE

Motivated third-year undergraduate student majoring in Information and Communication Technology with strong skills in programming languages, database management, data structure, web development, proficient in academic and technical research and exploring new technology tools. Experienced in working as part of a team and supporting group goals through effective collaboration.

EDUCATION BACKGROUND

2023 - Present: **Bachelor of Science in Information and Communication Technology**
American University of Phnom Penh
Status: Junior (61 Credits) | **GPA:** 3.08
Expected Graduation: 2027

2019 – 2022 : **High School Diploma**
Pursat High School
National Grade 12 Exam | Grade C

SKILLS

Web Development	:	HTML, CSS, Bootstrap, Tailwind CSS, PHP
Programming Languages	:	Python, Java, JavaScript
Tools & Technologies	:	Git, GitHub, Figma, AI Automation, NLP
Databases	:	Basic knowledge in MySQL, MongoDB
Frameworks	:	Familiar with Flask, React, Django, React
Microsoft Office	:	Word, Excel, PowerPoint, Teams, Outlook

EXTRA-CURRICULAR ACTIVITIES

March 2024 : **IT Career Development Path for Gen Z**

- Explored career opportunities in Digital Technology, software development, cybersecurity, AI, and UI/UX design

June 2025 : **Impact Creativepreneur Summit 2025**

- Participated in interactive sessions designed to build confidence, leadership and a growth mindset for future ventures

July 2025 : **AI-Powered App Workshop**

- Completed an AI-Powered App Development workshop, gaining basic skills in Gemini, FlutterFlow, and Flutter for building AI applications.

HANDS-ON PROJECTS

February 2025: **Personal Portfolio Website | [LINK](#)**

- A responsive portfolio website to showcase projects, skills, academic achievements, and my professional background. The site demonstrates my front-end development skills

April 2025 : **Smart Grocery Expiry Tracker | [LINK](#)**

- A desktop app that has a secure login system, tracks food expiry dates, and sends notifications to minimize waste and follow up on products used in both restaurants and households.
- June 2025 :** **Student Task Manager | [LINK](#)**
- A desktop application designed to help users, especially students, manage tasks efficiently, and build motivation to study while reducing procrastination.

AWARDS & ACHIEVEMENTS

- 20 April 2023 :** **AMT Full Scholarship Achievement**
- Received the AMT 100% Scholarship, covering full tuition for 4 years at the American University of Phnom Penh (AUPP).

RESEARCH EXPERIENCE

- May 2025 :** **Smart Expiry Tracker Python Application Report**
- The Smart Expiry Tracker is a research paper on a Python-based application designed to help users monitor grocery items by tracking their quantity, category, compartment, and expiration dates individually or by multiple users in one system by sharing the account.
- April 2025 :** **The Necessity of Information Security Policies in Modern Organizations**
- This research paper introduces comprehensive security measures through a combination of literature review, case studies of security breaches, risk analysis, and recommendations for best practices.
- April 2025 :** **Efficient Cycle Detection in Linked Lists using Floyd's Algorithm**
- This project explores cycle detection in linked lists, a crucial problem in data structures and memory management. By implementing Floyd's Cycle Detection Algorithm in Java, including testing and analysis to demonstrate the algorithm's practical applicability.
- April 2024 :** **Analysis of Implications of Students' MATH177 Grades and Their CGPA in AUPP**
- Conducted a statistical study to examine the correlation between students' performance in MATH177 and their cumulative GPA. Collected and analyzed data using bivariate correlation techniques to evaluate performance trends and academic outcomes.

CERTIFICATIONS

- May 2025 :** **Web Design for Everybody: Basics of Web Development & Coding**
UNIVERSITY OF MICHIGAN | Coursera
- February 2025:** **Information Technology (IT) Fundamentals for Everyone**
IBM | Coursera
- June 2024 :** **Scientific Computing with Python**
FreeCodeCamp

LANGUAGES

- **Khmer** (Native) | **English** (Proficient)