Sophat Sophana

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Gender: Male **Date of birth:** 12/09/2003 **Nationality:** Cambodian

ABOUT ME

Currently, I am a computer science student, who loves the fields of robotics and software engineering. Apart from coding, I enjoy playing soccer and exploring new. Since middle school, photography has allowed me to connect with the world and my surroundings. Furthermore, I like to give back to the community by volunteering for various programs. Also, I want to push myself outside my comfort zone by attending boot camps to improve my skills and learn more from the program and other participants. I am hard-working and focused on my tasks, but sometimes if I have too much pressure, I will pull myself out and then continue on my work.

WORK EXPERIENCE

[02/01/2024 – 02/04/2024]

Makerspace Research Intern

Cambodia Academy of Digital Technology

City: Phnom Penh | **Country:** Cambodia

This internship focused on the localization of a mobile robot. This localization solution provides the omnidirectional robot with reliable, real-time position updates. This enhanced awareness is essential for precise navigation, task execution, and autonomous decision-making within the demanding ROBOCON 2024 environment.

EDUCATION AND TRAINING

[14/03/2022 – Current]

Bachelor Degree in Computer Science

Cambodia Academy of Digital Technology   www.cadt.edu.kh

Address: Bridge 2, National Road 6A, Sangkat Prek Leap, Khan Chroy Changva, Phnom Penh, 121002, Phnom Penh, Cambodia |

[07/02/2022 – 07/05/2022]

C, C++, OOP + Project Courses

ETEC Center

Address: HV5J+M5 Phnom Penh, Phnom Penh, Cambodia |

Level 9 English Course

COERR Language Skills Center   coerrkh.com

City: Battambang | **Country:** Cambodia |

[01/07/2008 – 01/07/2021]

High School Diploma

Preah Monivong High School

Address: 3 Rd No 3, Krong Battambang, 02360, Battambang, Cambodia |

LANGUAGE SKILLS

Mother tongue(s): Khmer

Other language(s):

English

LISTENING B1 **READING** B2 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Digital Skills - Test Results

Information and data literacy	**ADVANCED**	Level 6 / 6
Communication and collaboration	**INTERMEDIATE**	Level 4 / 6
Digital content creation	**ADVANCED**	Level 6 / 6
Safety	**INTERMEDIATE**	Level 3 / 6
Problem solving	**ADVANCED**	Level 5 / 6

Results from [self-assessment](#) based on [The Digital Competence Framework 2.1](#)

My Digital Skills

Microsoft Office | HTML/CSS Programming | C/C++ Programming Language | Java Programming Language | Laravel PHP and My SQL | Python Programming Language | Mobile Development: Flutter & Dart | GIT (GitHub)

HONOURS AND AWARDS

[16/06/2022 – 17/06/2022] **IoT Makerthon**

Our team and I built an automatic smart home system that can monitor data such as temperature, humidity, and motion, which can be shown on software devices. Our systems control the fan, air conditioner, light, and fire alarm, and we got 3rd place.

[2022 – Current] **Techo Digital Talent Scholar 2022**

This scholarship is provided by the former prime minister of

Cambodia which covers the school fees, one laptop, and a monthly

allowance for the scholars.

PROJECTS

[10/07/2024 – 20/07/2024] **Major Cinemas Mobile App UI Clone**

In our final project after finishing mobile development course, we did a small project that cloned UI Major Cinemas Mobile App.

[01/02/2024 – 14/07/2024] **Robocon Cambodia 2024**

Team CADT02 developed one manual robot and one autonomous robot for the competition. With the improvement from last year, we have moved to the last 6 teams of the competition. This is a remarkable achievement for us.

[01/02/2023 – 25/06/2023] **Robocon Cambodia 2023**

Our team from CADT02 developed two manual robots to compete in the Robocon Cambodia National Round in 2023.

[03/2023 – 06/2023] **Car Rental System Capstone I**

In our Capstone Project I, we set out on an immersive exploration of the transportation industry, with a specific focus on the deficiencies within the car rental domain.

[16/02/2023 – 17/03/2023] **Coffee Shop Management System**

In our final project after finishing OOP course, we did a small project about coffee shop management system using Java programming language.

VOLUNTEERING

[11/06/2023] **National Debate Society Cambodia**   Phnom Penh, Cambodia

At the National Debate Society Cambodia, I volunteered as a logistician for the 9th National Debate Championship 2023.

HOBBIES AND INTERESTS

Play Soccer

Play Table Tennis

Play in sport tournaments

Singing

Join tech-related competitions

SOFT SKILL

Decision making

Multi-tasking

Enthusiastic learner

Hard working