

Curriculum Vitae



Chanvit Moungyoo

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Born on 17.10.1999 in Samut Prakan

GitHub <https://github.com/chanvitbkk>

Education

Since 08/2018 - Present

Bachelor of Engineering (B.Eng)
Thammasat University

Sirindhorn International Institute of Technology (SIIT)

Major: Computer Engineering

Minor: Cloud Computing and Cyber Security

Expected Graduation: May 2022

GPA: 2.33

Computer Architecture

Computer evolution, conventional computer architectures. CPU and ALU structures and design. Multiprocessor systems. Memory organisations and cache memory.

Law and Technology

the relation between laws and technology, exploration of issues in both private and public laws pertaining to the application of technology

Operating System

Basic concepts of operating systems. Processes. Interprocess communication and synchronisation. Input-output. Filesystems. Memory management.

Basic Electrical Engineering

Measure dc voltage and current in electrical circuits. verify Ohm's law. Study voltage-divider and current-divider circuits and verify Kirchhoff's voltage and current laws.

Human Computer Interface Design

The basic concepts of human-computer interaction.
Design the user interface and the user experience.

Artificial Intelligence

Introduction to the languages of artificial intelligence, such as Prolog or LISP. Search techniques. Knowledge representation, reasoning, inference. Machine learning. Expert systems.

Database System

Database system and management. Designed to practice and experiment with topics on database programming. Designing user interfaces for database applications.

Microcontroller and Applications

Microcontroller and microprocessor architectures. Apply assembly language programming on Arduino board and Microcontroller interfacing.

Software Engineering

Software engineering principles, Software development life cycle, Software engineering process and software process models

Networking Laboratory

Configuring network interfaces, designing and building switched and routed networks, monitoring network activities, and programming client/server applications.

Cloud Computing

Definition and evolution of cloud computing. Benefits and deployment models. Popular cloud stack and use cases.

Network Security

Introduction to basic theory and techniques in cryptography. Symmetric and Asymmetric encryption. Cryptanalysis techniques. Hash and MAC.

Skills

Technical Skills

C++
Java
JavaScript
Python
HTML
PHP
CSS
SQL

Computer Softwares

Visual Studio Code
IntelliJ IDEA
GitHub
Xcode
Atmel Studio 7
VirtualBox
Adobe XD
Google Firebase
Bootstrap
Sketch
PhpMyAdmin
mySQL
Eclipse
Terminal
Ubuntu
Linux
Microsoft Office
Final Cut Pro

Language Skills**English**

Study Abroad in Ramsgate, UK (three months)
Study Abroad in Auckland, New Zealand (one month)
English language course: B1
English Proficiency Scores:
TOEIC: 710

German (Basic)

Extracurricular

Thammasat University Band

Roles: Saxophonist, TU Band Committee
Being one of the musician in university band

Head of Computer Engineering

Role: The leader of the school
To encourage a student in the computer engineering program

Database Management Project

Roles: Front End, Back End, User Interface, Prototype, Database System
Create a website for the flight reservation using database
(Grade: 3.5)

Computer Network and Internetworking Project

Roles: Front End, Back End, User Interface, Prototype
Create an e-Learning website via decentralised system
(Grade: 3)

Human Computer Interaction Project

Roles: User Interface, User Experience, Prototype
Demonstrate a free book store application from prototype and user interface
(Grade: 3)

Software Engineering Project

Roles: User Interface, User Experience, Prototype
Demonstrate a cautious district map from prototype and user interface
(Grade: 3.5)

Cloud Computing Project

Roles: Chatbot, Front End, Back End, Database System
Create a hospital website with the chatbot and store on cloud storage
(Grade: 2.5)

Network Security Project

Role: 2 Factors Authentication
Create a hospital website with 2 Factors Authentication
(Grade: 3)

Bangkok, 20 July 2021

Chanvit Moungyoo