

CURRICULUM VITAE

MS. KHIN SABAI HTWE



Gender : Female
Nationality : Myanmar
Date of Birth : 14th July, 1988
E-mail : khinsabaihtwecu@gmail.com

Occupation : PhD Student

Skills : Python, PyTorch, JavaScript, HTML, CSS, PHP

Other languages : English, Japanese N4

Research Interest :
1. Image Processing
2. Computer Vision
3. Machine Learning
4. Deep Learning

Work History : In 2011,
Tutor position, Computer University (Monywa), Monywa

In 2017,
Assistant Lecture, Computer University (Monywa), Monywa,
Myanmar

In 2019,
Assistant Lecture, Computer University (Lashio), Lashio,
Myanmar

In 2021,
Lecture, Computer University (Lashio), Lashio, Myanmar

Part Time Jobs : In 2018 July, November, December,
Teaching Assistant (TA), Faculty of Science and Engineering,
Waseda University, Japan

In 2018~2019, October ~ January,

Temporary Staff, International Student Center, Waseda University,
Japan

In 2019, April ~ June,
Teaching Assistant (TA), Graduate School of Engineering, Waseda
University, Japan

Education Background:

In 2008,
Bachelor of Computer Technology, University of Computer
Studies, Mandalay.

In 2009,
Bachelor of Computer Technology (Hons:), University of
Computer Studies, Mandalay.

In 2010-2011,
Master of Computer Technology, University of Computer Studies,
Mandalay.

In 2014-2015,
PhD (IT) coursework is successfully completed in University of
Computer Studies, Yangon.

In 2017-2024,
PhD coursework is completed in Waseda University.

Now,
Preparing to write thesis dissertation to fulfill for a PhD degree.

Publications

: [1] “Dark Blurred Image Enhancement Based on Sigmoid
Function”, the Conference on Applied Information And
Communication Technology 2010, University of Computer
Studies, Mandalay, Myanmar.

[2] “Region of Interest Extraction Based on Labelling Finger Vein
Images”, the Seventh International Conference on Science and
Engineering 2016 December 10-11, 2016, Yangon, Myanmar.

[3] “Finger Vein Recognition Based on Histogram of Oriented
Gradients (HOG)”, Proceedings of 15th International Conference
on Computer Applications, February 16-17, 2017, Yangon,
Myanmar.

[3] “Hand Joints Detection Using Initial Hand Detector on Egocentric Views”, The Proceedings of the 33rd Picture Coding Symposium of Japan, The Proceedings of the 23rd Image Media Processing Symposium, November 19-21, 2018, Japan.

[4] “Improving Detection of Hand Joints in RGB Image using Maximum Confidence Value”, Proceedings of the 2018 ITE Winter Annual Convention, December 20-21, 2018, Japan. (Best student presentation award)

[5] “Hand Joints Detection on Noisy Hand Poses Using Variational Autoencoder”, The 6th IEEEJ International Conference on Image Electronics and Visual Computing (IEVC2019), August 21-24, 2019, Indonesia. (Best paper award)

[6] “Analyzing Hand Action Recognition using Spatial Temporal Graph Convolutional Networks (ST-GCN)”, Proceedings of the 2019 ITE Annual Convention, August 28-30, 2019, Japan.

[7] “Variant Graph Convolutional Networks for Skeleton-Based Hand Action Recognition,” IEEE Global Conference on Consumer Electronics (GCCE), OS-AIP (2), Oct. 2021, Japan.

Awards Certificates:

ITE

学生優秀発表賞

Khin Sabai Htwe 殿

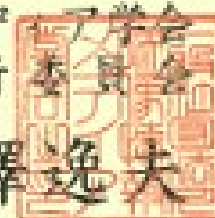
あなたの2018年冬季大会における
「Improving Detection of Hand Joints
in RGB Images using Maximum
Confidence Value」の講演は本会において
優秀発表と認められました
よってここに学生優秀発表賞を贈り表彰
いたします

令和元年8月29日

一般社団法人 映像情報メディア学会
2019年年次大会実行委員会

委員長

熊澤逸夫





Degree's Certificates:

University of Computer Studies, Mandalay

The Degree of Bachelor of Computer Technology B.C.Tech.

is awarded to Ma Khin Sabai Htwe

son / daughter of U. Mae Sein

He / She gained distinction in the following subjects :


..... - Electronics


..... - Linear Control System (I)

(.....)

National Registration No. 5/Ha Ma La (N) 063599

Graduate Registration No. KLY-72


Registrar
(U.C.S.M.)


Rector
(U.C.S.M.)

Date 2 MAR 2008

University of Computer Studies, Mandalay

The Degree of Bachelor of Computer Technology(Honours) B.C.Tech.(Hons)

is awarded to Ma Khin Sabai Htwe


son / daughter of U Moe Sein




He / She passed with Second class,

division Second

National Registration No. 5 / Ha Ma la (N) 063599

Graduate Registration No. KLY - 100


Registrar
(U.C.S.M)


Rector
(U.C.S.M)



Date 22 FEB 2009



University of Computer Studies, Mandalay

The Degree of Master of Computer Technology M.C.Tech.

is awarded to Ma Khin Sabai Htwe

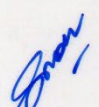
son / daughter of U Moe Sein

Title of Thesis

He/She passed the Examination with (Ordinary / ~~Credit~~ / ~~Distinction~~)

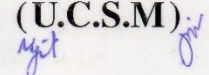
National Registration No. 5(Hamala(N)063599

Graduate Registration No. KLY-219


Registrar
(U.C.S.M)

Date 30 JAN 2011



Mi Mi Thun
Rector
(U.C.S.M)




UNIVERSITY OF COMPUTER STUDIES, MANDALAY

MARKS CERTIFICATE

This is to certify that **Ma Khin Sabai Htwe** Roll No. **3CT-20** has obtained the following marks in the **Third Year B.C.Se/ B.C.Tech.** Examination held in **September, 2007.**

MARKS OBTAINED

<u>SUBJECT</u>	<u>(Out of 100)</u>	<u>REMARKS</u>
1. English	59	
2. Artificial Intelligence & Assembly Language Programming & Computer Organization	58	
3. Mathematics of Computing III	65	
4. Data Communication & Digital System and Design II	59	
5. Electronics	85	Distinction
6. Linear Control System (I)	80	Distinction
7. Electrical Circuits (II)	50	
TOTAL		456



Date **24.10.2013**

Received Ks **100**

Receipt. No **101**

Book. No **0039**

Registrar (for)
University of Computer Studies, Mandalay
Myanmar



UNIVERSITY OF COMPUTER STUDIES, MANDALAY

MARKS CERTIFICATE

This is to certify that **Ma Khin Sabai Htwe** Roll No. **4CT-1** has obtained the following marks in the **B.C.Se./ B.C.Tech.(Hons:)**. Examination held in **September, 2008**.

MARKS OBTAINED

<u>SUBJECT</u>	<u>(Out of 100)</u>	<u>REMARKS</u>
1. English	62	
2. Artificial Intelligence + Database Management System	70	
3. Mathematics of Computing IV	72	
4. Electronic (II)	74	
5. Computer Architecture	73	
6. Control System (II) + Introduction to Cryptography	74	
7. Data and Computer Communications + Computer Networking	60	
TOTAL		485




Date **24.10.2013**

Received Ks **100**

Receipt. No **101**

Book. No **0039**


Registrar (for)
University of Computer Studies, Mandalay
Myanmar



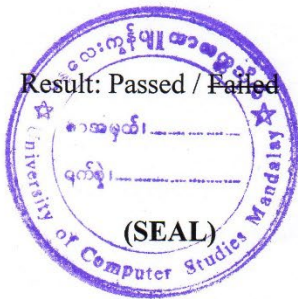
UNIVERSITY OF COMPUTER STUDIES, MANDALAY

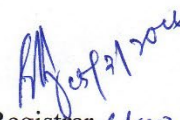
MARKS CERTIFICATE

This is to certify that **Ma Khin Sabai Htwe** Roll No. **5CT-2** has obtained the following marks in the **M.C.Tech.(Course Work)**. Examination held in **September, 2009**.

MARKS OBTAINED.

<u>SUBJECT</u>	<u>(Out of 100)</u>	<u>REMARKS</u>
1. English	75	
2. Computational Mathematics + Artificial Intelligence	60	
3. Computer Architecture and Digital Signal Processing	52	
4. Computer Networking & Distributed System Concepts	50	
5. Computer Control System & Computer Graphic Image Processing	67	
6. Cryptographic Techniques and Data Security & Neural Network Computing	50	
TOTAL	354	




Registrar
University of Computer Studies, Mandalay
Myanmar.

Date 11.3.2016
Received Ks 100
Receipt. No 134(A)
Book. No 0093



Certified letter on academic standing



To Whom It May Concern:

This is to certify that Ms. Khin Sabai Htwe is/ was placed at the rank of 16 out of the class of 38 students in the department/ program of Ph.D (9th-Batch), Faculty of Computer Science at University of Computer Studies, Yangon (UCSY) with Ph.D (Coursework).

Signature Aye Aye Thin

Name in print Dr. Aye Aye Thin

Position Registrar (I)

Institution University of Computer Studies, Yangon (UCSY)

Date 3-01-2017

**The Seventh International Conference on
Science and Engineering 2016**



Certificate of Participation

This is to certify that *Khin Sabai Htwe* has participated
in the seventh ICSE 2016 as the presenter held on 10-11 December, 2016
at Yangon Technological University, Yangon, Myanmar.

Thain Win

Dr. Thain Win
Director General
Department of Higher Education



Myint Thein

Prof. Dr. Myint Thein
Rector
Yangon Technological University

716121



Certificate for Participation

This is to certify that **Khin Sabai Htwe** has attended & delivered
an Oral Presentation in the

International Conference on Computer Applications

(ICCA 2017) held in Yangon, Myanmar on February 16th -17th, 2017

Paper Title :

Finger Vein Recognition based on Histogram of Oriented

Gradients (HOG)

Ms. Ms. Thant Thant

Program Chair

ICCA Organizing Committee

Other Skill Certificates:




CHRD

GOVERNMENT OF THE REPUBLIC OF THE UNION OF MYANMAR
MINISTRY OF EDUCATION
CENTRE FOR HUMAN RESOURCE DEVELOPMENT
(YANGON UNIVERSITY OF FOREIGN LANGUAGES)

23 December 2016
.....

Ma Khin Sabai Htwe,
This is to certify that
daughter of U Moe Sein,
.....
has successfully completed a twelve - English Language
Course from 30 October 2016 to 23 December 2016 and
has duly been awarded this certificate of attendance.





.....
Professor Dr. Ni Ni Aung
English
Head of the Department of

.....
Dr. Kyi Shwin
Rector
.....



The Myanmar Computer Federation (MCF), Myanmar
and
Korea Aerospace University, Korea

Award this certificate to

Daw Khin Sabai Htwe

for the completion of

Information Security

held in Yangon, Myanmar

from 30 June 2014 to 25 July 2014

under the support of

Korea International Cooperation Agency (KOICA)

Date: 25th July 2014



A handwritten signature in black ink, appearing to read "Dr. Jong Sou PARK".

Dr. Jong Sou PARK
Professor
Korea Aerospace University



A handwritten signature in black ink, appearing to read "Khun Oo".

Khun Oo
President
Myanmar Computer Federation