


# GALVIN BRICE SY LIM

Electronics and Communications Engineering

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## ABOUT ME

Galvin is a BSMS Electronics and Communications Engineering student at the De La Salle University - Manila. His main interests are Electronics System Design, Microelectronics, Microcontroller, Microprocessor, IC Design, Internet of Things, Artificial Intelligence, Robotics, and Brain Computer Interface.

## EDUCATION

### MS Electronics and Communications Engineering

[De La Salle University - Manila](#)

 Mar 2022 – Oct 2024

Grade: 4.00/4.00 (CURRENT)  
ERDT Scholar

### BS Electronics and Communications Engineering

[De La Salle University - Manila](#)

 Sep 2019 – Oct 2024

Grade: 3.830/4.00 (CURRENT)  
Consistent 1st Dean's Lister

### Senior High School Diploma

[Chiang Kai Shek College](#)

 Jul 2017 – Apr 2019

With High Honors (2nd Honor)  
Best in Mathematics  
Best in Capstone Project

## AFFILIATIONS

Institute of Electrical and Electronics Engineers

 Oct 2022 – Present

DLSU Winner's Circle

 Jan 2021 – Present

Institute of Electronics Engineers of the Philippines - Manila Student Chapter

 Nov 2020 – Present

DLSU Electronics and Communications Engineering Society

 Oct 2019 – Present

## EXPERIENCE

### Mathematical Informatics Intern

[Nara Institute of Science and Technology](#)

 Aug 2023 – Sep 2023

- Collaborated with distinguished professors and experts from the deep learning and neuroscience domains
- Developed a novel classification model for EEG motor imagery utilizing classical and graph-based deep learning architectures

### Member Board of Directors

[Institute of Electronics Engineers of the Philippines - Manila Student Chapter \(IECEP - MSC\)](#)

 Feb 2022 – Sep 2023

- Served as a point person for the university in relaying membership drive and upcoming events to the members in the university

### Executive Vice President for Academics

[DLSU Electronics and Communications Engineering Society \(ECES\)](#)

 Sep 2021 – Dec 2022

- Oversaw the entire Academics Committee in providing academic-related projects and services through providing tutorials, course reviewers, formula sheets, and other supplementary materials as well as the ECES website to aid the ECE studentry in their academics
- Guided the project heads in planning, coordinating, conducting, hosting, and managing career talks, field talks, skill workshops, as well as competitions to further hone the knowledge and skills of aspiring ECEs in preparation for their future endeavor
- Aided the Executive Committee in continuously improving the organization systems and processes and created an official project handbook to guide the officers in preparing and managing projects and events while monitoring the well-being of the members
- Initiated various annual and series of ECES flagship events together with the whole committee

### Assistant Vice President for Research and Development

[DLSU Electronics and Communications Engineering Society \(ECES\)](#)

 Nov 2020 – Sep 2021

- Helped oversee the Research and Development Subcommittee
- Assisted the organization in transitioning to full online projects and activities
- Developed and managed the organization's new official website
- Initiated, planned, coordinated, conducted, hosted, and managed various field talks, competitions, as well as first ECE caravan and virtual field trip
- Conducted tutorial services and created ECE course reviewers and notes to aid the ECE students especially in adapting to the full online class

## HONORS & AWARDS



### 2nd Runner-Up

IECEP - MSC Academic Festival 2023: ECExpelliarmus!: Wizardry Battle to the Top (Interscholastic Quiz Show) (Oct 2023)



### 1st Runner-Up

ELEVATE: Race for Topnotchers (Jun 2023)



### Champion

IECEP National Student Summit 2022: Electronics Engineering Interscholastic Quiz Show 2022 (Nov 2022)



### 2nd Runner-Up

IECEP - MSC Academic Festival 2022: AcECEleration (Interscholastic Quiz Show) (Oct 2022)



### 2nd Runner-Up

IECEP National Student Summit 2021: Programming Competition (Nov 2021)



### Champion

Analog Devices Engineering Champs (Nov 2021)



### Champion

IECEP ECEPTIONALS: Showdown of the Minds - Programming Competition (Oct 2021)



### 2nd Runner-Up

Smart EDGE ECE Battle of the Brains S2 (Gold) (Apr 2021)

## SKILLS

Programming (Python, C, C++) Multisim

Ultiboard Proteus LTSpice MPLAB

mikroC Arduino Raspberry Pi

Vivado MATLAB Simulink FEKO

GNS3 Wireshark Deep Learning

Machine Learning Fuzzy Logic EEG

Project Management Problem Solving

Organizational Leadership

## LANGUAGES

English ●●●●●

Mandarin ●●●●●

Filipino ●●●●●

Hokkien ●●●●●

## Junior Officer

[DLSU Electronics and Communications Engineering Society \(ECES\)](#)

📅 Oct 2019 – Nov 2020

- Conducted tutorial services and created ECE course reviewers and formula sheets to aid the ECE students especially in transitioning to full online class
- Assisted in managing academic-related projects and conducting ECE-related seminars and workshops

## Associates

[DLSU Society of Young Engineers Towards Achieving Excellence \(SYNTAX\)](#)

📅 Oct 2019 – Aug 2020

- Assisted in managing the reviewer dissemination service and organizational events

## LICENSES & CERTIFICATIONS



### Fundamentals of Deep Learning

Nvidia (Sep 2023)



### HSK (Level 5) Chinese Proficiency Test

Confucius Institute Headquarters (Hanban) (Oct 2018) Test Score: 220/300 (PASSED)

## SEMINARS & CONFERENCES

### ADI's Apps to School Webinar

[Analog Device Inc. \(ADI\)](#)

📅 May 2022

### IEEE TechEX 2021

[IEEE UPD, MU, TUPM, DLSU, UST Student Branch](#)

📅 Nov 2021

### Philippine Android Weekend 2020

[Developer Student Club Taft & Developer Student Club Benilde](#)

📅 Dec 2020

### Intel FPGA Academic Workshop

[Intel, Programmable Solutions Group](#)

📅 Dec 2019

## PUBLICATIONS



### Conference Proceedings (Co-First Authored)

- C. C. Anabeza, **G. B. S. Lim**, M. L. P. Velasco, E. Sybingco, and D. D. Ligutan, "Dtw threshold determination for english word utterances in filipino accent using mfcc," in *2023 17th International Conference on Ubiquitous Information Management and Communication (IMCOM)*, 2023, pp. 1–7. DOI: 10.1109/IMCOM56909.2023.10035607.
- E. C. C. Hao, **G. B. S. Lim**, M. K. Cabatuan, E. Sybingco, and A. Dulay, "Cnn-based baybayin character recognition on android system," in *TENCON 2022 - 2022 IEEE Region 10 Conference (TENCON)*, 2022, pp. 1–6. DOI: 10.1109/TENCON55691.2022.9977568.