

About the Contributors

Jo-Ann V. Magsumbol is a PhD ECE candidate from De La Salle University. She is currently an Assistant Professor at Polytechnic University of the Philippines. Her research interests are artificial intelligence, neural networks, fuzzy logic and renewable energy systems. She is also a licensed Professional Electronics Engineer and ASEAN Engineer.

Shiella Marie P. Garcia is a full-time faculty and the current Chairman of the Computer Engineering Department at University of Perpetual Help System DALTA. She received her Master's in Engineering with Specialization in Computer Engineering at the Pamantasan ng Lungsod ng Maynila. Her main works are "Low-Cost, Automated, Rapid Bio Composting with SMS Monitoring System" and "Automated Water Quality Monitoring and Control for Milkfish Pond". She is a lifetime member of the Institute of Computer Engineers of the Philippines Region IVA (ICpEP-IVA). She is a Cisco Certified Network Associate (CCNA) and her research interests are in the field of networks, robotics and control systems.

Bea C. Gorospe is a graduate of Bachelor of Science in Computer Engineering at University of Perpetual Help System DALTA. She conducted her On-the-Job Training at ISUZU Automotive Dealership Inc. She is now currently a Service Analyst at Emerson Electric Asia, LTD ROHQ. Her interests are in the field of networks, robotics and control systems.

Marvin S. Barber is currently a Bachelor of Science in Computer Engineering Student at the University of Perpetual Help System DALTA. He conducted his On-the-Job Training at the Marcologic Diversified Technologies, Inc. His interests are in the field of robotics and control systems.

Clark Jommel J. Llorin received his Bachelor of Science in Computer Engineering at the University of Perpetual Help System DALTA. He conducted his On-the-Job Training at the Marcologic Diversified Technologies, Inc. He is now currently a Data Processing associate at Appen Philippines. His interests are in the field of robotics and control systems.

Cyd Laurence Santos is an Assistant Professor in the Department of Computer Engineering at University of Perpetual Help System DALTA. He has a Bachelor's degree in Computer Engineering from San Sebastian College Recoletos de Cavite. He received his Master of Engineering with Specialization in Computer Engineering at the Pamantasan ng Lungsod ng Maynila. He is a lifetime member of the Institute of Computer Engineers of the Philippines Region IVA (ICpEP-IVA). His main works are "Low-Cost, Automated, Rapid Bio Composting with SMS Monitoring System" and "Automated Water Quality Monitoring and Control for Milkfish Pond". His research interests are in the field of control systems, internet of things and robotics.

April R. Mundo is an instructor of the Computer Engineering Department at University of Perpetual Help System DALTA. She has a Bachelor's degree in Computer Engineering from San Sebastian College Recoletos de Cavite. She is currently completing her MS in Management Engineering at the Pamantasan ng Lungsod ng Maynila. She is a former Technical Writer at Advanced Card Systems Ltd. and a former Senior Business Analyst at TapToPay Limited. She is a lifetime member of the Institute of Computer Engineers of the Philippines Region IVA (ICpEP-IVA).

Edison E. Mojica is a Professional Electrical Engineer and an ASEAN Engineer. He is a graduate of Master of Engineering major in Electrical Engineering at Adamson University in Manila, Philippines. He is currently working towards his Ph.D.

Sachiko C. Bautista is a graduate of Bachelor of Science in Electrical Engineering at University of Perpetual Help System Dalta Las Pinas Campus. She is currently a Design Engineer at FJC Solar Panel & Equipment in Imus City, Province of Cavite.

Pharkynlee O. Patriarca is a graduate of Bachelor of Science in Electrical Engineering at University of Perpetual Help System Dalta Las Pinas Campus. He is currently a Facility Engineer at Juergen Industrial Corporation in Dasmariñas City, Province of Cavite.

Chao Wen M. Tsai is a graduate of Bachelor of Science in Electrical Engineering at University of Perpetual Help System Dalta Las Pinas Campus. He is currently a Production Engineer at SH Electronics Taiwan Co. LTD in Nanzih District, Kaohsiung City, Taiwan.

Israel Angelo L. Alipon graduated with a degree of Bachelor of Science in Electronics Engineering in 2020 from University of Santo Tomas. He did his internship in Analog Devices where he is currently working as a Test Development Engineer.

Katrina Ysabel G. Espiritu graduated from University of Santo Tomas with a Bachelor of Science in Electronics Engineering in 2020. Throughout her stay in the university, she has been involved in different extracurricular activities by joining organizations such as Mechatronics and Robotics Circle and Engineering Student Council.

Adrian Genevieve G. Janairo earned a Bachelor degree in Electronics Engineering from the University of Santo Tomas in 2020. For his internship, he worked as a Network Security Cadet at Trends and Technologies Inc.

Kimberly F. Luna is a graduate of Electronics Engineering from the University of Santo Tomas in 2020. She was the founding chairperson of the UST – IEEE student branch in 2019. She also completed her Bachelor degree in Management Accounting at the University of Santo Tomas in 2015.

Aaron Fred S. Savellano is a graduate from University of Santo Tomas under the BS Electronics Engineering program of the Faculty of Engineering in 2020.

Mary Grace Ann C. Bautista received her Bachelor of Science in Electronics Engineering (BS ECE) from the Technological University of the Philippines - Manila in 2014 and Master of Science in Electronics Engineering (MS ECE, with Thesis) from the De La Salle University - Manila in 2017. She is a licensed Electronics Engineer and an active member of the Institute of Electronics Engineers in the Philippines (IECEP). She is also a member of the Institute of Electrical and Electronics Engineers (IEEE) and Philippine e-Learning Society (PeLS). She is one of the e-Learning specialists of the Faculty of Engineering. Engr. Bautista is a Certified Microsoft Innovative Educator Expert (MIEE) and Certified Apple Teacher. She has presented and published research papers in international conferences which cover the research areas of computational intelligence and thermal imagery.

Cristina P. Dadula is a professor of Electrical and Electronics Engineering Department of Mindanao State University, General Santos City. She earned her PhD in Electronics and Communications Engineering degree at De La Salle University, Manila, Philippines. She finished her Bachelor of Science in Electronics and Communications Engineering, and Master of Science in Computer Applications at Mindanao State University-Iligan Institute of Technology. Her research interests include design and implementation of artificial intelligent algorithms, digital signal processing, robotics, and control systems.