

EARL LEVI P. PAREL

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LANGUAGES

ENGLISH - B2 level proficiency
FILIPINO - Native Speaker

SKILLS

MS Office
Adobe Illustrator
Adobe Premiere Pro
Adobe Photoshop
Kotlin
Java
Python

EDUCATION

MAPÚA UNIVERSITY BATCH 2023
BS in Electronics Engineering Major in Advanced Internet Protocol
Networking

MAPÚA UNIVERSITY BATCH 2019
Science, Technology, Engineering, and Mathematics
With Honors

ELIZABETH SETON SCHOOL-SOUTH BATCH 2017

OTHER COURSES

MATRIX ALGEBRA FOR ENGINEERS
The Hong Kong University of Science and Technology

DIFFERENTIAL EQUATIONS PART I BASIC THEORY
Korea Advanced Institute of Science and Technology(KAIST)

LINEAR CIRCUITS 1: DC ANALYSIS
Georgia Institute of Technology

LINEAR REGRESSION AND MODELING
Duke University

LINEAR CIRCUITS 2: AC ANALYSIS
Georgia Institute of Technology

ELECTRODYNAMICS: AN INTRODUCTION
Korea Advanced Institute of Science and Technology(KAIST)

ELECTRODYNAMICS: ELECTRIC AND MAGNETIC FIELDS
Korea Advanced Institute of Science and Technology(KAIST)

ELECTRODYNAMICS: ANALYSIS OF ELECTRIC FIELDS
Korea Advanced Institute of Science and Technology(KAIST)

DIODE - PN JUNCTION AND METAL SEMICONDUCTOR CONTACT
University of Colorado Boulder

TRANSISTOR - FIELD EFFECT TRANSISTOR AND BIPOLAR
JUNCTION TRANSISTOR
University of Colorado Boulder

INTRODUCTION TO DATA SCIENCE IN PYTHON
University of Michigan

APPLIED PLOTTING, CHARTING & DATA REPRESENTATION IN
PYTHON
University of Michigan

WIRELESS COMMUNICATIONS FOR EVERYBODY
Yonsei University

INTRODUCTION TO CYBERSECURITY TOOLS & CYBER ATTACKS
IBM

CYBERSECURITY ROLES, PROCESSES & OPERATING SYSTEM
SECURITY
IBM

CYBERSECURITY COMPLIANCE FRAMEWORK & SYSTEM
ADMINISTRATION
IBM

CCNP ENTERPRISE: ADVANCED ROUTING
Cisco

WORK EXPERIENCE

2023	CHUNGYUAN CHRISTIAN UNIVSERSITY Designed an algorithm for detecting certain heart conditions
2019 - Present	STRP (See The Real Purpose) Co-Owner. Designed and handled production of the t-shirt products of the company.
2019	GLOBE TELECOMMUNICATIONS COMPANY Updated and performed data mining on the organization's assets for transition to the new database.
2019	TURNINGPOINT INC. Created a database query using SQL and PHP for the organization's assets.

EXTRA-CURRICULAR ACTIVITIES

2014 - 2017	ELIZABETH SETON SCHOOL-SOUTH FOOTBALL VARSITY TEAM - CAPTAIN
2014	ROBOTHON COMPETITION, MALAYAN HIGHSCHOOL OF SCIENCE
2015 - 2016	ROBOTICS CLUB MEMBER, ELIZABETH SETON SCHOOL-SOUTH
2016	ROBOTHON COMPETITION, DE LA SALLE UNIVERSITY SCIENCE AND TECHNOLOGY COMPLEX
2015 - 2016	VISUAL BASIC INTER-HIGH COMPETITOR, IMUS INSTITUTE – CHAMPION
2016 - 2017	JAVA PROGRAMMING LANGUAGE TEAM, ELIZABETH SETON SCHOOL – SOUTH
2017	ATENEO PROGRAMMING CHALLENGE (APC), ATENEO DE MANILA UNIVERSITY
2017 - 2018	MAPUA SCIENCE QUIZ BEE GRADE 11 PARTICIPANT – TOP 15 FINALIST
2019	AMUSEMENT, RECREATION AND CREATIVITY ASSISTANT HEAD, EECE STUDENT COUNCIL
2019 - Present	PROPERTY AND CONTROL COMMITTEE MEMBER, JUNIOR PHILIPPINES COMPUTER SOCIETY - MAPUA UNIVERSITY CHAPTER

2022 - 2023	PUBLIC RELATIONS COMMITTEE MEMBER, INSTITUTE OF ELECTRONICS ENGINEERS OF THE PHILIPPINES - MAPUA UNIVERSITY CHAPTER
2023 - Present	TECHNOLOGY COMMITTEE MEMBER, INSTITUTE OF ELECTRONICS ENGINEERS OF THE PHILIPPINES - MAPUA UNIVERSITY CHAPTER

RESEARCH PAPERS PREPARED

March 2017	<p>THE MAIN CAUSES OF STRESS ON THE JUNIOR HIGH COMMUNITY OF ELIZABETH SETON SCHOOL-SOUTH SY. 2016 – 2017</p> <p>A study about the common source of stress of the Junior High School Students of Elizabeth Seton School – South.</p>
December 2018	<p>PANGUNAHING NAKAIIMPLUWENSYA SA PAGBIBISYO NG MGA MAG-AARAL NG BAITANG 12 NG UNIBERSIDAD NG MAPUA AT EPEKTO NITO SA KANILANG ISIP AT EMOSYON</p> <p>A study about the main factors of vices and its common effects to the mental and emotional health of the Senior High School Students of Mapua University</p>
May 2019	<p>FLOOD DETECTOR PROTOTYPE USING BALL FLOAT-LEVEL SENSOR WITH CELLPHONE NOTIFICATION SYSTEM</p> <p>A study about a created prototype that detects flood in its current position and sends a notification to the users via SMS.</p>
November 2019	<p>ALCOHOL AND DROWSINESS DETECTION FOR 4-WHEEL VEHICLES USING EYE DETECTION AND MQ3 SENSOR USING ARDUINO UNO AND RASPBERRY PI WITH SMS NOTIFICATION SYSTEM AND GLOBAL POSITIONING SYSTEM</p>