(+63) 994 596 5377          Manila, PH          Juliampiedad1428@gmail.com

# Juliam Piedad
## ASSOCIATE ELECTRONICS ENGINEER

## Objective

A friendly, industrious, and proactive person who is always willing to learn new things to improve the performance of myself and others around me to achieve company goals within a given time frame. A capable candidate who has years of experience in solving problems in Robotics Engineering, Control Systems, Electronics Circuits, and Devices using my skills in MATLAB, C++, and Python programming languages. I believe that the thousands of hours spent solving theoretical and practical problems in physics and electronics communications engineering have honed my critical thinking and analytical skills which is evident whenever I am able to solve and troubleshoot various problems from basic computer issues to electronics design constraints.

## Education

2006-2016     **Woodridge College**

Elementary and Junior High School

2016-2018     **St. Paul University Manila**
STEM (Top 52 out of 750+ students for our batch)

2018-2024     **Mapua University**

Studying B.S. Electronics Engineering, specializing in Cybersecurity, Robotics & Mechatronics

## Online Courses and Certificates

March 2020     **Coursera, University of Michigan**
Introduction to Data Science
Applied plotting, Charting, and Data Representation in Python

July 2021

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| April 2021 | **Coursera, Georgia Institute of Technology** |
| | Linear Circuits 1 & 2: AC and DC Analysis |
| July 2022 | **Coursera, Duke University** |
| | Inferential Statistics |
| October 2022 | **Coursera, University of Colorado Boulder** |
| | Transistors – Field effect transistors and Bipolar Junction transistor |
| Nov 2023 | **Coursera, University of Colorado Boulder** |
| | Transistors – Field effect transistors and Bipolar Junction transistor |
| Nov 2023 | **Cisco networking academy** |
| | CCNAv7; Switching, Routing and Wireless Essentials |
| Sept 2024 | **Cisco networking academy** |
| | CCNAv7: Enterprise networking, security, and automation |
| April 2023 | **Cisco networking academy** |
| | Introduction to Cybersecurity |
| | **Coursera, Korea Advanced Institute of Science & Technology** |
| | Electrodynamics: Introduction |
| | Electrodynamics: Electric and Magnetic Field |
| | Electrodynamics, Analysis of Electric Field |

## Projects

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| Dec 2022 | Motion Controlled trash bin |
| March 2024 | PLC/Arduino Controlled Pneumatic system |
| May 2024 | Web-based enrollment queueing hub with Firebase Integration for the Department of Electrical, Electronics, and Computer Engineering, Mapua University |
| Oct 2023 – September 2024 | Automated attendance system using VGG-FACE and Facebook DeepFace ensemble learning technique for facial recognition |

## Work experience

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|---|---|
| 2016-2019 | **Aestetika Dental  Clinic**<br>**Dental Clinic Receptionist** |
| 2021 | **Ibex Philippines**<br>Email/Chat Technical Support |
| 2024 | **TaskUs**<br>Chat Support |

## Languages

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|---|---|
| Filipino | Native language |
| English | Advanced listener, reader and fluent in speaking |
| Japanese | Basic Japanese (N5, Currently studying) |

## Computer skills

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| Programming | C++, Arduino, MATLAB, Python,  Javascript |
| Applications | LTSpice, Fluidsim, VisualStudio Code, Powerpoint, Word, Excel, Google Workspace, |

## References

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|---|---|
| Dr. Marloun Sejera | Engineer/Professor, Electric, Electronics, & Computer Engineering Department, Mapua University<br>mpsejera@mapua.edu.ph |
| Allan Paul Morados | Team leader, TaskUs<br>allan.morados@taskus.com |

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