

# CV

## LEONARDO JOHN PANSIPANSI

COMPUTER ENGINEERING

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### PROFESSIONAL SUMMARY

I aim to bring value as a dedicated team member to an institution devoted to continual professional advancement, providing a career that is both challenging and rewarding, allowing me to leverage my expertise and skills. In my recent role as an individual researcher, I was tasked with an in-depth study on autonomous navigation robotics. This experience deepened my understanding of integrating components, ensuring compatibility across various operating systems, software applications, programming languages, and sensor devices. The importance of understanding and being resourceful has become evident to me through my experience.

### EDUCATIONAL ATTAINMENT

#### **2013 - 2018**

Bachelor of Science in Computer Engineering  
Asian College Dumaguete

#### **2020 - 2022**

Master of Science in Computer Information and Communication Engineering

### AWARDS

#### **Korea Institute of Information and Communication Engineering(KIICE), 2021**

Object Detection and Localization on Map using Multi-Camera and Lidar PointCloud

Excellent Paper Award

#### **14<sup>th</sup> International Conference on Future Information and Communication Engineering(ICFICE), 2022**

Object Detection and Localization on Map using Multi-Camera and Lidar PointCloud

Excellent Paper Award

### COMPETITIONS

TRANSBOT Competition at Asian College Dumaguete 2017 - **Champion**

Robotics Competition 2017 - Philippine Institute of Computer Engineering, SU Line Following Robot - **1st Runner-Up**

Robotics Competition 2018 Philippine Institute of Computer Engineering, SU Line Following and Sumo Robot - **Champion and 1st Runner-Up**

## **VOCATIONAL CERTIFICATE**

National Certificate IV (NC4)  
Microsoft.NET Computer Programming  
Training

## **PROFESSIONAL EXPERIENCE**

**January 2018 - March 2018**

*Intern at APL Computer Solution*

- Recovering corrupted data
- Creating POS and Inventory Management System using SQL Server and VB.NET

**August 2018 - November 2019**

*Autonomous Vehicle Lidar and Image  
Annotation Remote Job*

- Quality Assurance

**December 2019 - February 2022**

*Kunsan National University Lab*

- Autonomous Navigation Robot Researcher
- Data analyze of lidar point cloud and image data.

## **PERSONAL PROJECT**

**Loan Management System Desktop Application** - using python and excel as database.

**File Sharing Website** - using python-django, sqlite3, html and css.

**Personal Portfolio** - my website using html and css.

## **TECHNICAL SKILLS**

### **Python**

- Machine Learning
- Image Processing Open CV
- Desktop Application
- Web Application Django for Back End
- Data Analysis and Visualization

### **SQL Server**

- Relational Database Management

**HTML/CSS** - Front End

### **MATLAB**

**Autonomous Navigation Robot**

**Robot Operating System**

**Ubuntu Linux / Windows**

## **SOFT SKILL**

- Problem Solving
- Self learning
- Resourceful
- Creativity
- Flexible