



Rachel Joy A. Pedrosa

Address: Abilay Norte, Oton, Iloilo 5020
Contact No.: +63-953-724-6908
Email: racheljoy.pedrosa@students.isatu.edu.ph

OBJECTIVE

- To gain valuable experience through On-the-Job Training (OJT) where I can apply my academic knowledge, develop professional skills, and contribute effectively to organizational goals.

EDUCATION

Iloilo Science and Technology University	
Bachelor of Science in Computer Science	2022-Present
<ul style="list-style-type: none">• Dean's Lister Academic Year 2022-2023• Dean's Lister Academic Year 2023-2024• Dean's Lister Academic Year 2024-2025	2020-2022
Adventist Academy Iloilo	2016-2020
Senior High School Science and Technology Engineering and Mathematics (STEM)	
<ul style="list-style-type: none">• With high Honors	
Junior High School	
<ul style="list-style-type: none">• With Honors	

EXPERIENCE & ACHIEVEMENTS

PUTech Co-Founder	
<i>February 2024</i>	
<ul style="list-style-type: none">• Co-founded PHUTech, a tech startup from a technopreneurship course, aimed at promoting inclusivity and integrating technology to education.• Launched SignoTech, an app designed to help users learn American Sign Language (ASL), supporting both individuals with and without hearing or speech impairments.• Proposed ISAT Docs, an online document request and tracking app, which was selected for the final pitching competition out of 10 projects.	
ISAT U KWADRA TBI Technopreneurship Demo Day 3rd place	
<i>December 2024</i>	
<ul style="list-style-type: none">• Joined a student startup organization at ISAT U, focused on supporting innovators and technopreneurs. Resulted in more opportunities for building connections, growth and development, and innovations.	
ISAT U KWADRA TBI Technopreneurship Demo/Pitch Day	
<i>October 2025</i>	
<ul style="list-style-type: none">• Participated in the ISAT U KWADRA TBI Technopreneurship Demo/Pitch Day, together with my team, I presented our startup UNIDOCS, an online document request system. The event provided an opportunity to pitch our innovation to potential investors, showcase our project's impact, and gain valuable feedback and networking opportunities for future development.	

SKILLS AND INTEREST

Interests: WEB Design, Music, Arts

Languages: Native Filipino, Intermediate English

Technical Skills: Python, Java, HTML, CSS

Soft Skills: Hustler Mindset, Proactive, Strong Communicator

PERSONAL INFORMATION

Age:	22
Date of Birth:	July 17, 2003
Gender:	Female
Civil Status:	Single
Height:	5'2"
Weight:	62 kg
Nationality:	Filipino
Religion:	Seventh-day Adventist

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EDUCATION	<div><div>Bachelor of Science in Computer Science</div><div>Iloilo Science and Technology University 2022-2026</div><div>La Paz, Iloilo City, Iloilo 5000, Philippines</div></div>	
TECHNICAL SKILLS	<ul style="list-style-type: none">Programming Languages: Python, Java, C, R, SQLWeb Development: HTML, CSS, JavaScript, PHPData Science Tools: NumPy, Pandas, Matplotlib, Tensorflow, Keras, Scikit-learnDatabase Management: MySQLOther Tools: Git/GitHub, Google Colab, Visual Studio Code	
RELEVANT ACADEMIC PROJECTS	<ul style="list-style-type: none">Enhancing Algorithm Thesis Project (2025) Designed a hybrid model combining VBMS with KD-Trees and Parallel Processing.Petcare+ Chatbot (2025) An Intelligent virtual assistant designed to guide pet owners in providing proper care. The chatbot helps users identify suitable food, understand common illnesses, and learn essential do's and don'ts for their specific pets through an interactive conversational interface.Sign Language Learning application SignoTech(2023) Co-Founder A mobile application design to facilitate learning American Sign Language (ASL)	
SOFT SKILLS	<ul style="list-style-type: none">Hustler MindedProactive and teamwork abilitiesStrong CommunicatorAdapative to new techonologies	
CERTIFICATES & ACHIEVEMENTS	<ul style="list-style-type: none">Dean's List Awardee (from First Year onward)Completed NSTP Civic Welfare Training Service(CWTS)Attended AI and Data Science Fundamentals seminarsAttended ISAT U KWADRA TBI Technopreneurship Demo/Pitch Day 2024 - 2025	
RELEVANT COURSEWORK	<ul style="list-style-type: none">Introduction to ComputingProgramming Logic FormulationFundamentals of ProgrammingIntermediate ProgrammingData Structures and AlgorithmsObject-Oriented ProgrammingSoftware Engineering 1Programming LanguagesAlgorithms and ComplexityInformation Assurance and SecurityIntelligent SystemsHuman-Computer InteractionSoftware Engineering 2Information ManagementOperating Systems	<ul style="list-style-type: none">Web Information SystemsAutomata Theory and Formal LanguagesMultimedia SystemsParallel and Distributed SystemsAdvanced PC Repair and TroubleshootingArchitecture and OrganizationSeminars and Special TopicsApplication Development and Emerging TechnologiesData Science<ul style="list-style-type: none">1. Data Science Tools and R Programming2. Data Preparation3. Exploratory Data Analysis4. Statistical Inference and Regression Models5. Practical Machine Learning