

# Ma. Angelene C. Cudiamat

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## Skills

**Programming Languages:** Python, JavaScript, C++, SQL, Java

**AI & ML:** Chroma DB, LlamaIndex, Transformers, Ollama, Hugging Face, Prompt Engineering, Scikit-Learn, Numpy, Pandas, LLMs, NLP, RAG, Conversational AI, Computer Vision

**Web application:** Django, Flask, XAMPP, HTML/CSS

**Technology:** VS Code, JetBrains, Git/Github, Azure DevOps, Linux, Podman

## Education & Certifications

### FEU Institute of Technology

Bachelor of Science in Computer Science Specialization in Software Engineering

Sampaloc, Manila

2021 - 2025

### Certifications:

- IT Specialist - Python
- IT Specialist - Java
- DevNet Associate
- CCNA: Introduction to Networks

## Experience

**AI Developer Intern** at RELX Reed Elsevier Philippines

Jan 2025 - Jul 2025

- Develop conversational AI bot for internals
- Contribute to AI base model template
- Utilize RAG system using Chroma DB, LlamaIndex, and OpenAI API
- Create web application for AI projects to efficiently demonstrate and deploy

## Projects

### Meowtion Capture: Behavioral Analysis for Felines Using Video Processing (*Thesis*)

- Collaborated with a team to create a cat monitoring system with CNN and YOLO algorithms.
- Annotated cat images using CVAT and trained the detection model.
- Conducted Alpha and Beta testing to evaluate system performance and functionality.

### Corporate Services Bot (*AI Project*)

- Develop an internal AI chatbot system for Corporate Services Team
- Pre-process and embed data such as documents, policies, and FAQs
- Create web application using Django

### Data Protection Knowledge Hub (*AI Project*)

- Develop an internal chatbot system for Data Protection Team
- Integrate to OneDrive SharePoint
- Implement an automated processing system for documents using Celery
- Implement PowerShell scripting to run all services simultaneously
- Create web application using Django