

# AIZHAR T. JAMILANO

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## EDUCATION

**SOUTHERN LUZON STATE UNIVERSITY**  
Bachelor of Science in Computer Engineering

Lucban, Quezon  
2022 – 2026

## RELEVANT EXPERIENCE

### OPEN IT ASIA INC. – PHILIPPINES BRANCH

Data Science Intern

Lucena, Quezon  
Jun – Aug 2025

- **Built a custom deep learning pipeline** combining Transformer models and Word2Vec embeddings to enhance sequence prediction and representation learning.
- **Developed tokenization and temporal feature encoding (day, month, year)**, contributing to the model's ability to capture contextual and chronological patterns in data.
- **Utilized the full capabilities of Plotly** for data visualization and supported UI improvement efforts through responsive front-end design and collaboration.
- **Participated in debugging and model optimization**, applying efficient training strategies including mixed precision and intelligent masking.

## TECHNICAL SKILLS & PROJECTS

**PROGRAMMING LANGUAGES:** Python, Java, JavaScript, TypeScript, PHP, C/C++, Dart, Rust

**FRONTEND DEVELOPMENT:** HTML, CSS, React, Tailwind CSS, Bootstrap, Flutter, PyQt, Tkinter Next.js,

**BACKEND & DATABASES:** Flask, MySQL, PostgreSQL, SQLite

**WEB3:** ICP, Azle, Internet Identity (II)

**DATA SCIENCE & ML:** TensorFlow, PyTorch, NumPy, Pandas, Scikit-learn, Matplotlib

**TOOLS & PLATFORMS:** Linux, Git, Visual Studio Code, IntelliJ IDEA, Google Colab, Figma, Postman, Docker

### AIZHEE.DEV: PROFESSIONAL WEB PORTFOLIO | [\[GitHub Link\]](#)

Jul 2025

Frontend Project

- **Built a scalable and responsive portfolio website using Next.js and Tailwind CSS**, creating a seamless, mobile-friendly experience for all users.

### BUOY: AI AGENT / CYBERSECURITY TOOL | [\[GitHub Link\]](#)

Oct 2024 – Aug 2025

ICP Hackathon / Appcon Project

- **Built a phishing detection pipeline and AI agent capable of analyzing URLs and HTML content to detect phishing attacks**, reaching the qualifying round and national round.
- **Integrated ICP canisters for secure scraping and sandboxed analysis**, with Ollama + Python backend powering AI orchestration.
- **Lead a 12-member team** from ideation to submission, guiding system architecture, backend design, and frontend integration.

### STARTAPP: START UP AI AGENT

Aug – Dec 2025

Philippine Startup Challenge X Entry

- **Designed an AI-powered assistant to help startups streamline digital marketing, competitor analysis, and growth strategies.**

## LEADERSHIP & MEMBERSHIP ACTIVITIES

### Class President of 1<sup>st</sup> Year

2022

Southern Luzon State University

- **Represented the class** in university events and official meetings, serving as the bridge between students and faculty.
- Coordinated group activities, **managed responsibilities**, and promoted class unity during the transition into college life.

### Representative | Publication Head, SOCIETY OF COMPUTER ENGINEERING STUDENTS (SCOPES)

2022 - 2024

Southern Luzon State University

- **Handled publication** materials by creating layouts, publicity designs, and merchandise to support organizational events and initiatives.

### Finance | Deputy Chairperson, COLLEGE OF ENGINEERING COMMISSION ON ELECTIONS

2024 - 2025

Southern Luzon State University

- **Assisted in planning** and overseeing election activities to ensure fairness and transparency.
- **Managed financial matters**, budget allocations, and logistical needs for election-related events.

### MEMBER, INSTITUTE OF COMPUTER ENGINEERS OF THE PHILIPPINES (ICPEP)

2022 - 2025

Region IV-A

- **Engaged in seminars and conferences**, collaborating with **peers and professionals** in the field of **computer engineering**.