Hubert Ellyson Olegario

+63 921-884-5946 | ellysonolegario@gmail.com | linkedin.com/in/hubert-olegario | github.com/ellyyy-son | ellyson.dev

Education

Ateneo de Manila University August 2023 – Expected May 2027
Bachelor of Science in Computer Science | GPA: 3.77/4.00 *Quezon City, PH*
Specialization in Data Science and Analytics (DSA) and Enterprise Systems (ES)

- Honors: Magna Cum Laude Standing; Consistent Dean's Lister
- Scholarships: Ateneo Director's List Scholar (Top 150 Ateneo applicants); DOST-SEI JLSS Merit Scholar

Experience

Personal Care - Integrated Planning Intern, Business Week 2026 September 2026 – December 2026
Unilever Philippines Inc. *Taguig City, PH*

- Developed a 200+ page end-to-end process playbook for the Personal Care Innovations Unit, mapping 70+ process steps across 15+ teams; identified around 20 pain points and recommended targeted process improvements.
- Spearheaded the planning team's automation efforts by building tools in Microsoft Power Platform (Apps and Automate) and Microsoft Copilot agents now in daily team use, reducing task turnaround time by 95%.

Fraud - Projects and Analytics Intern, Apprentice Program 2026 June 2026 – August 2026
Shopee Philippines Inc. *Mandaluyong City, PH*

- Leveraged SQL and Python to extract, join, and analyze 100M+ records spanning user, financial, listing, and behavioral data to uncover fraud patterns.
- Researched, designed, and proposed novel fraud detection rules using linkage signals and account behavior to surface prohibited listings and bad actors evading existing detection, flagging 3,000+ high-risk seller accounts.
- Validated rule precision through manual review of flagged accounts, confirming fraud missed by existing rules and documenting findings for the fraud team.

IT Skills and Development Officer October 2025 – Present
Ateneo Management Information Systems Association *Quezon City, PH*

- Created and facilitated technical training modules for 40+ internal members and external participants, mentoring attendees and providing hands-on support to reinforce learning.
- Led a team of four developers using Agile methodologies, delivering three client website projects on schedule, all of which have been adopted and are actively used.

Projects

Hate Speech and Constructive Criticism Classification in Code-Switched Text | *Python, scikit-learn, NLTK*

- Developing classification models for hate speech and constructiveness in Filipino-English code-switched text, a low-resource NLP domain, as an undergraduate thesis under the Ateneo Social Computing Laboratory.
- Benchmarking models on accuracy and reliability measures to establish performance baselines for the task.

DPWH Transparency Dashboard | *Python, scikit-learn*

- Developed and trained machine learning models including Isolation Forest for anomaly detection and Random Forest for initial risk scoring, identifying 10,000+ irregularities across public infrastructure project records.
- Built an interactive data visualization dashboard, enabling users to monitor project transparency, explore risk insights, and detect potential anomalies.

Awards

Grand Champion - Information Management Summit 2026 (Business Case Competition)

- Placed first among 30+ teams nationwide, architecting a digital transformation roadmap for an LGU using an MDM system to centralize data across two AI-integrated modules: e-Services Modernization and Smart Disaster Risk Management.

Skills

Programming: Python, SQL, R, JavaScript, Java
Data Science and Analytics: Tableau, Power BI, Matplotlib, Seaborn, pandas, NumPy, scikit-learn, PyTorch, PySpark, Spark SQL
Web and Deployment: React, Next.js, Node.js, Flask, Django, Spring Boot
Tools: Git, Linux (CLI), Microsoft Excel, Power Apps, Power Automate, Copilot Studio, Azure, Google Cloud