Lander Joshua O. Azarcon

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Education

Far Eastern University Institute of Technology – Manila City

B.S. in Computer Engineering, *Graduated Nov 2025*

Thesis: *Abacus GesturePRO: Finger Abacus Gesture Recognition Tutorial with Assessment using Image Processing*

Mapua University – Manila City

B.S. in Electronics Engineering, *June 2015 – July 2018*

Experience

Far Eastern University Institute of Technology Innovation Center (FTIC) – Manila City | Programs Department
Intern | *Jan 2025 – Mar 2025*

- Developed learning materials and modular content for Design Thinking programs.
- Applied design thinking methodologies, including affinity clustering, to structure programs and events.
- Planned and executed large-scale events including Design Thinking Summit and iTam Design Jam 2025.
- Managed critical program and event data using OneDrive, Excel, and Word.
- Coordinated with internal teams and external stakeholders, including an international speaker.
- Supported on-ground event operations, including VIP escorting and participant logistics.
- Contributed to social media promotion and marketing engagement.

Far Eastern University Institute of Technology Innovation Center (FTIC) – Manila City | Operations Department
Intern | *Sep 2024 – Nov 2024*

- Conducted QR code–based surveys to track lounge usage and engagement metrics.
- Interviewed students and analyzed survey and interview data using Excel.
- Managed reception and lounge operations including facility coordination.
- Assisted in technical setup for presentations, screenings, and events.
- Prepared 3D models for printing and assisted in 3D printing operations.
- Collaborated with interns and staff to ensure smooth daily operations.

Family-Run Egg Production Farm – Lucban, Quezon Province | Apprentice | *Mar 2022 – Aug 2022*

- Assisted in egg harvesting, sorting, and transportation.
- Analyzed competitor marketing strategies and informed outreach.
- Designed and distributed business cards and brochures to retailers.
- Managed product distribution and recorded sales transactions.

Leadership & Activities

Vision Forge – Manila City | CEO & Founder | *Apr 2025 – Ongoing*

- Founded and led a product-focused technology startup incubated under FTIC Tamaraw Labs.
- Conceptualized and designed multifunctional drafting stationery eliminating need for T-square.
- Conducted user validation interviews and focus group studies with 50+ participants.
- Analyzed data to refine prototype design and business strategy.
- Oversaw team meetings, strategic planning, and task delegation.
- Filed intellectual property documents to protect product copyrights.

- Completed FTIC incubation program and prepared for acceleration program.

Embedded Systems Project – Manila City | Group Member | *Jun 2024 – Jul 2024*

- Designed musical instrument generating sound based on proximity.
- Implemented ultrasonic sensor input for real-time pitch control.
- Developed embedded software using Arduino.
- Designed and manufactured custom circuit board and assembled hardware prototype.

Undergraduate Thesis – Computer Vision–Based Learning System – Manila City | Group Member | *Mar 2024 – Aug 2025*

- Edited and finalized thesis sections, ensuring academic formatting compliance.
- Designed system flowchart and organized data tables for results.
- Contributed to research design, data collection, and analysis.
- Constructed physical enclosure and experimental setup for prototype.
- Collected and curated image datasets for machine learning training.
- Conducted user testing and recorded performance metrics.

Licenses & Certifications

• **Introduction to Cybersecurity** – Cisco Networking Academy, *May 2024*

• **Cybersecurity Essentials** – Cisco Networking Academy, *May 2024*

• **CCNAv7: Enterprise Networking, Security, and Automation** – Cisco Networking Academy, *April 2024*

• **Information Technology Specialist in Python** – Certiport, *March 2024*

• **Information Technology Specialist in Java** – Certiport, *November 2023*

• **CCNAv7: Switching, Routing, and Wireless Essentials** – Cisco Networking Academy, *October 2023*

Honors & Achievements

Civil Service Exam (Professional Level) – General Rating: 88.06 (*Aug 2023*)

Verbal 88.72 | **Analytical** 95.35 | **Numerical** 89.33 | **General Information** 82.22

Skills & Interests

Programming and Scripting Languages: C++, Java, Python, SQL, PHP, Bash

Tools & Technologies: AutoCAD, MATLAB, Visual Studio, Apache NetBeans, Anaconda, Jupyter Notebook, Arduino, Quartus, Linux, Microsoft Excel

Networking & Hardware: Network Topology & Design (Cisco Packet Tracer), LAN/WAN Configuration, TCP/IP Protocols, Network Troubleshooting

Technical Domains: Embedded Systems, Computer Vision–Based Machine Learning, Engineering Drawing

Laboratory & Fabrication: 3D printing, circuit design & assembly, precision measurement tools (microscope, caliper, micrometer, triple beam balance)

Languages: English (*Fluent*), Tagalog (*Native*), Mandarin (*Elementary Proficiency*)

Interests: Startup building, Electronics and embedded systems, Coding and software development, Guitar