

EIVMOR DE GUZMAN

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OBJECTIVE

Second-year computer science student working across on-device machine learning, computer vision, Python automation, and cloud architecture. I also spent a year running social media for a Dubai dance crew as its only shooter, editor, and channel manager.

SUMMARY OF QUALIFICATIONS

- AWS Certified Solutions Architect, Associate
- Dean's Lister at Mapúa University. Valedictorian, Aldar Yas American Academy, 2025
- 10 months of internship experience across IT and FinTech
- Ran an international dance crew's Instagram single-handedly for a year
- Python, machine learning, and TypeScript; Premiere Pro and Lightroom

EDUCATION

Bachelor of Science in Computer Science Mapúa University	2025 to present Manila, Philippines
• Second year. Dean's Lister. Google Developer Groups on Campus member.	
American High School Curriculum Aldar Yas American Academy	Graduated 2025 Abu Dhabi, UAE
• Valedictorian	

EXPERIENCE

Open Source Developer Penumbra	Jul 2026 to present
• Lead developer of an on-device handwriting-recognition math notebook in C# and .NET 8, shipped as a public Windows release. • Own recognition model integration, symbolic solving, dependency tracking, persistence, and interaction design.	
Information Technology Intern NG9 Holding	Aug 2024 to Mar 2025 Abu Dhabi, UAE (On-site)
• Built, upgraded, and maintained IT infrastructure across multiple branches with senior staff. • Automated employee onboarding and offboarding, managed support tickets, and handled systems administration.	
Accounting Intern, FinTech Developer Gewan InfoTech	Jul 2024 to Aug 2024 Abu Dhabi, UAE (On-site)
• Managed financial records with 100% accuracy in general ledger entries. • Built Python automation for data processing, reporting, and analysis.	

CREATIVE AND SOCIAL MEDIA

Editor & Cinematographer Emirates Film Festival	Sep 2023 to Mar 2024 Abu Dhabi, UAE (Contract)
• Editor and cinematographer for a film submitted to the 10th Emirates Film Festival. Reference and footage available on request by email; the film is under copyright. • Owned cinematography, visual composition, footage capture, and post-production.	

SELECTED PROJECTS

Microplastic Detector • Applied ML pipeline for microplastic detection; research published on Zenodo (DOI 10.5281/zenodo.15192160).
DSA Visualizer • React and TypeScript learning tool whose pure algorithm core emits deterministic steps for playback, rewind, and scrubbing.
Ink & Margins (eivmor.com) • Designed and built this portfolio as a hand-drawn notebook operating system: risograph design system, window manager, separate mobile journal.

SKILLS

Technical: Python, Machine learning, Computer vision, TypeScript and React, C# and .NET, Data analysis, IT infrastructure, AWS architecture
Creative: Social media management, Content strategy, Cinematography, Video editing, Photography, Short-form vertical content, Brand and visual identity, Graphic design
Soft skills: Leadership, Public speaking, Debate, Time management, Cross-cultural communication
Languages: English (fluent), Arabic (conversational)

AWARDS AND ACTIVITIES

- iOS Design Challenge UAE, Sandoq Al Watan: Winner
- World Scholar's Cup Global Round: Debate Champion
- ABRSM Grade 6 Piano Certification
- Abu Dhabi Sports Championship, Badminton Singles U18: Semi-Finalist

LEADERSHIP AND SERVICE

- Member, Google Developer Groups on Campus, Mapúa University
- Student Body President and Debate Club President, Aldar Yas American Academy
- Social Worker, Emirates Red Crescent (Jul 2023 to May 2025): community aid and relief, plus guest instructor for the 2023 Tech Literacy Talk