

Dexter Jethro C. Enriquez

Quezon City, Metro Manila • +63 905 572 8344 • dexterjethro.enriquez@gmail.com • <https://djenriquez.dev>

EDUCATION

Ateneo de Manila University Bachelor of Science in Computer Science Relevant Coursework: Data Structures & Algorithms, Discrete Mathematics, Digital Logic Design Scholarships: Jose P. Rizal Academic Scholarship (Full-Ride); EO-Ayala Skolar Grant	Quezon City, Philippines Expected May 2028
Puerto Galera National High School - Main Campus Science, Technology, Engineering, and Mathematics Strand Honors: Class Valedictorian (Graduated with Highest Honors) Awards: 8th Place/Bronze Medalist out of 3050 participants, CSE National Math Challenge; Best Research Award	Puerto Galera, Oriental Mindoro May 2024

TECHNICAL SKILLS

Programming Languages: Python, Java, HTML, CSS, JavaScript (ES6+), TypeScript
Frameworks/Libraries: Next.js 14, React, Node.js, Tailwind CSS, Framer Motion, Django
Tools: Git, GitHub, Vercel, React Flow, Tinkercad, SEO Optimization
Operating Systems: Windows, MAC OS

PROJECTS

LogiSketch Boolean Equation Visualizer Lead Developer	logisketch.djenriquez.dev Jan 2026 - Feb 2026
<ul style="list-style-type: none">Engineered a reactive logic system using Next.js 14, featuring a top-down recursive descent evaluator to synchronize Boolean equations with truth tables and functionally complete NAND/NOR circuits.Implemented the Quine-McCluskey Algorithm for automated Boolean reduction, deriving minimal Sum-of-Products (SOP) forms to optimize hardware gate count with 100% truth-table fidelity.Developed a custom Trunk-Logic Routing Engine using React Flow, forcing vertical bus alignment for power/ground rails to generate high-fidelity, professional engineering schematics.	
ACE & Company Official Website Lead Developer	aceandco.org Jan 2026 - Feb 2026
<ul style="list-style-type: none">Architected a high-performance corporate platform using Next.js App Router and RSC, achieving perfect 100 Lighthouse scores in Performance, SEO, and Best Practices (98 on mobile).Developed a fluid, responsive UI/UX with Tailwind CSS and Framer Motion for interactive animations, ensuring seamless cross-device compatibility from mobile phones to 4K monitors.Automated search engine visibility by implementing dynamic sitemap.xml, robots.txt, and Open Graph tags to drive digital presence and rankings for a specialized accounting service.	

LEADERSHIP AND ACTIVITIES

Supreme Secondary Learner Government President	Puerto Galera National High School Aug 2023 - May 2024
<ul style="list-style-type: none">Directed campus-wide operations and a ₱ 20,000.00 budget while authoring student manual revisions to ensure academic flexibility for student competitors.Pioneered a committee-based organizational structure and partnered with Stairway Foundation Inc. to deliver reproductive health education (Project C.A.R.E.) to 200+ students.Mobilized a multi-organization coalition for the International Coastal Cleanup Day, leading cross-functional volunteer teams to advocate for environmental sustainability.	
School of Science and Engineering Sanggunian Human Resources Division Member	Ateneo de Manila University Jul 2025 - Present
<ul style="list-style-type: none">Coordinated logistics and community building for "SOSE Kickstart," engaging 100+ freshmen constituents.Strengthened organization culture by planning and organizing the "SOSE First Semester Bonding," focusing on improving teamwork, camaraderie, and collaboration across departments.Represented HR division heads in 3 executive council meetings, ensuring the alignment of division objectives and student welfare initiatives.	

SKILLS AND INTERESTS

Languages: Fluent in English and Filipino
Technical Interests: Web Development, Boolean Algebra, Performance Engineering