

Dexter Jethro C. Enriquez

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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

<logisketch.djenriquez.dev>

Lead Developer

Jan 2026 - Feb 2026

- 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

<aceandco.org>

Lead Developer

Jan 2026 - Feb 2026

- 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

Puerto Galera National High School

President

Aug 2023 - May 2024

- 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

Ateneo de Manila University

Human Resources Division Member

Jul 2025 - Present

- 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