MATT LAURENCE F. LOPEZ

Software Engineer

Baguio City, Philippines | 0967 185 5367 | mattlaurenceuc@gmail.com
linkedin.com/in/matt-laurence-0252b0446 | github.com/CodeWMatt

PROFESSIONAL SUMMARY

Computer Science graduate with hands-on web development experience in HTML, CSS and JavaScript, plus logic design in CircuitVerse. Two-time robotics line-tracing podium finisher and former Technical Director of a school TV broadcasting team, with an 80-hour internship in print and digital media production. Seeking a Software Engineer role to build clean, reliable software.

TECHNICAL SKILLS

- **Web Development:** HTML, CSS, JavaScript, responsive design, light and dark themes, contact forms
- **Logic and Hardware:** Boolean algebra, logic gates, CircuitVerse, computer hardware, robotics (line tracing)
- **Digital Media:** 3D modeling, animation, TV broadcasting, print and digital media production
- **Professional:** Leadership, teamwork, problem solving, working to deadlines

PROJECTS

Personal Portfolio Website | HTML, CSS, JavaScript

- Designed and built a responsive portfolio website from scratch without frameworks or libraries
- Implemented a draggable ID card with rope physics, light and dark modes, and a contact form with email fallback

Hexadecimal 7-Segment Decoder | CircuitVerse, Logic Gates

- Designed a 4-bit binary to hexadecimal 7-segment decoder using NOT, AND and OR gates, extending a working decimal decoder
- Built a 4-bit ripple counter as the input source to test the display

Line-Tracing Robot | Robotics

- Competed as part of a team in line-tracing robotics twice: Champion in Grade 11 (STEM) and 1st Runner-Up in Grade 10 (STE)

EXPERIENCE

Print and Digital Media Production Intern | Print Production Studio — 80 hours

- Completed an 80-hour internship in print and digital media production

Technical Director, TV Broadcasting | Division Schools Press Conference (DSPC) — Grade 11

- Served as Technical Director of the school TV broadcasting team
- Produced 3D modeling and animation work

EDUCATION

Bachelor of Science in Computer Science | University of the Cordilleras, Baguio City — 2026 - 2029

- College of Information Technology and Computer Science, trimester program

Senior High School, STEM Strand | Benigno V. Aldana National High School — 2024 - 2026

- With High Honors

Junior High School, STE Program | Benigno V. Aldana National High School — 2020 - 2024

- With High Honors

AWARDS AND HONORS

- Champion, Robotics Line Tracing (Grade 11, STEM)
- 1st Runner-Up, Robotics Line Tracing (Grade 10, STE)
- Governor's Academic Excellence, Silver Awardee (Senior High School)
- Best in Work Immersion (Senior High School)
- Best in Research Title (Junior High School)
- Science Camp of the Year (Junior High School)
- With High Honors (Elementary, Junior High School and Senior High School)