

John Benedict P. Baladia

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PROFILE

High-performing CS undergraduate recognized for academic excellence and logical reasoning. Skilled in bridging the gap between technical implementation and project strategy. Possesses a strong foundation in data structures and algorithms, complemented by exceptional communication skills and a dedicated, 'always-on' work ethic.

SKILLS

TECHNICAL SKILLS

- **Programming Languages:** C++, Python, HTML, CSS.
- **Database Management:** Oracle SQL, MySQL, Relational Database Design.
- **Libraries & Frameworks:** C++ STL (Standard Template Library), Pandas, NumPy, Tkinter (GUI).
- **Tools & Platforms:** Git, GitHub, Canva (Design & Prototyping).
- **Core Competencies:** Data Structures & Algorithms, Object-Oriented Programming (OOP).

EDUCATION

Bachelor of Science in Computer Science

Ateneo de Naga University 08/2024 – Present
Naga, Camarines Sur,
Philippines

- **Honors:** Dean's List (First Honors), DOST Merit Scholar, ADNU University Scholar
- **Relevant Coursework:** Database Management Systems, Project Management, Fundamentals of Programming
- **Technical Foundations:** Applied C++, Python, and Oracle SQL in academic projects

PROJECTS

Quiz Manager

JavaScript, HTML, CSS, Firebase

- Developed a dynamic web application for creating and administering quizzes.
- Integrated **Google Firebase** (NoSQL) for real-time data persistence, allowing users to save and retrieve quiz data instantly.

Drag Race Reality TV Simulator

JavaScript, HTML, CSS

- Engineered a browser-based simulation engine that models complex game theory and contestant elimination logic.
- Utilized **Object-Oriented JavaScript** to manage game state, tracking contestant statistics and randomized event outcomes across a simulated "season."
- Designed a responsive UI to dynamically render weekly results and contestant rankings.

Interpolation Search Visualizer

JavaScript, HTML, CSS

- Created an interactive educational tool to visualize the **Interpolation Search** algorithm.
- Used advanced DOM manipulation to render the search process step-by-step in the browser, helping users visually understand algorithm efficiency on distributed datasets.
- Designed a clean, intuitive interface to accept user inputs and display real-time execution metrics.

HONORS & AWARDS

- **DOST-SEI Merit Scholar:** Awarded full competitive scholarship by the Department of Science and Technology for aptitude in science and mathematics.
- **ADNU University Scholar:** Recipient of university-funded scholarship recognizing high academic standing.
- **Dean's List (First Honors):** Consistent academic excellence, Ateneo de Naga University (2024 – Present).
- **2025 ICPC Asia Manila Regional Participant:** Competed as a team member in the prestigious ACM International Collegiate Programming Contest, solving complex algorithmic problems under strict time constraints.