

# Nuwan Dewasurendra

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[github.com/CampfireCoding](https://github.com/CampfireCoding)

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Aspiring computer scientist and community leader, passionate about AI projects, game development and custom LEGO design. Currently self-learning about AI agents and working on a fun hobby AI project.

## SKILLS

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- Computer Algorithms & Data Structures
- Competitive Programming (USACO - Silver)
- Python (5 years)
- Building using AI tools (APIs, local models)
- Game Development
- Leadership

## EDUCATION

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**Del Norte High School – Class of 2028** 2024 – Present

- GPA (10th grade): 4.24 (out of 5.00)

**National Youth Leadership Training (NYLT)** Summer 2025

- Participated in 1 week residential scout leadership program
- Learned about Ethical Decision Making, Communication Skills, Goal Setting/Planning, Team Development, Conflict Resolution, Time Management, Servant Leadership, and Mentoring

### MathPath

July 2024

- Selective 4-week residential mathematics program
- Topics studied: Spherical Trigonometry, Cryptology, Knot Theory, Heavenly Mathematics, Group Theory, Advanced Induction, Non-Euclidean Geometry, Mathematica, Dynamical Systems, Origami, Graph Theory

**Art of Problem Solving** 2021 – Present

- Intermediate Python, Intermediate Algebra, Introduction to Algebra A, Introduction to Number Theory, Introduction to Physics, Prealgebra 1 & 2

## EXPERIENCE

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**Staff Member of National Youth Leadership Training (NYLT)** December 2025 - May 2026

- Coordinate Program logistics for residential scout leadership training program

**Assistant Senior Patrol Leader (ASPL) - Scout Troop 685** July 2025 - January 2026

- Lead a troop of 100+ scouts and organizing troop meetings, outings, and guiding scouts on rank advancements
- In charge of Introduction to Leadership Skills (ILST), Trek Leaders, Outdoor Ethics, Order of the Arrow Rep
- Life Scout (Eagle Candidate)

**PyCode Academy – Lead Instructor, Instructor** 2022 – Present

- Leading a group of 10+ instructors to coordinate full year program with 4 class tracks (AI, USACO, Basic Programming, ACSL)
- Teaching multiple weekly classes in Algorithms & Data Structures, Python, and CS theory
- Organization bringing free online year-round computer science education to students across the US

**Coding for Better Lives – Co-Founder** 2021 – Present

- Organization aiming to improve computer and English literacy in underprivileged students and communities
- Helped start a computer lab in a rural school in Sri Lanka
- Hired teachers, started English language & computer classes, and helped run meal program for school children

**Lumen Path Foundation – Co-Founder** 2022 – Present

- Nonprofit 501(c)(3) established to ensure financial support and continuity of programs in multiple educational organizations

**Oak Valley Coding Club – Former President, Vice President, & Instructor** 2020 – 2024

- Grew the club to 120+ members
- Taught Python & competitive programming classes

**Junior Varsity Swim Team at Del Norte High School** 2025 – Present

- Challenging myself to be a better swimmer every day

## PROJECTS

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**Home Bot** Ongoing

- AI Agent using Gemini API, browser-use, playwright, and other packages. Manages personal tasks like planning schedules, monitoring weather, checking grades, and automation of home devices based on weather and time of day.
- Working on creating a second AI agent that builds tools for Home Bot & self-debugging with local LLMS

**Head Soccer Game ([github.com/CampfireCoding/Head-Soccer](https://github.com/CampfireCoding/Head-Soccer))** 2022 – 2024

- Interactive 2D soccer game with physics modeled using PyGame & PyMunk

**Snake Game ([github.com/CampfireCoding/Google-Snake-Game](https://github.com/CampfireCoding/Google-Snake-Game))** 2021 – 2023

- My recreation of the classic snake game