

Thomas Thuan F. Le Nguyen

COMPUTER SCIENCE ENGINEER · CODING INSTRUCTOR

☎ 858-225-9156 | ✉ thomaslenguyenasian@gmail.com | 🏠 thomasthuanlenguyen.me | 📷 ThomasLeNguyen | 📺 thomasthuanlenguyen

Education

CSUSM (California State University San Marcos)

San Marcos, California

B.S. IN COMPUTER SCIENCE

August 2020 - May 2024

- C++ Programming in Data Structures
- Discrete Mathematics

Westview High School

San Diego, California

HIGH SCHOOL DIPLOMA

August 2016 - June 2020

- 6 AP courses: Calculus AB, Calculus BC, Computer Science A, Computer Science Principles, Psychology and Statistics
- Graphic Design for 3 years
- Robotics for 1 year
- Cyber Security for 1 year
- Philosophy Club for 2 years

Work Experience

Code Ninjas

Encinitas, California

CODING INSTRUCTOR

April 2019 - Present

- Taught coding to ages ranging from 5-14 years of age
- Block coding in programs like Scratch and GameFroot
- JavaScript coding in the Code Ninjas curriculum
- Lua programming in Roblox Studio
- Minecraft world editing with TinkerCad and MCEdit

California State University San Marcos

San Marcos, California

RESEARCH INTERN FOR CSIS DEPARTMENT

June 2021 - August 2021

- Object detection with low cost embedded systems
- Worked with a Coral Development Board and YOLOv4
- Benchmarked frames per second and accuracy precision
- Created a poster of the work I have done

Projects

Flappy Bird Remake

San Diego, California

INDIVIDUAL PROJECT

November 2018 - December 2018

- Recreation of Flappy Bird using MIT App Inventor, block coding
- Created as much as possible between less than a month span
- Created a game with graphics and mechanics that accurately represented the original Flappy Bird game

Volunteer Work

La Clase Magica

Solana Beach, California

FLL JR. MENTOR

August 2017 - June 2018

- Mentored kids from underserved communities for the FIRST Lego League Jr. competition
- Helped plan and guided students to build a water system out of Legos
- Taught the importance of clean water and illustrated the different water systems and cleaning services

Living Way Church

Poway, California

MEMBER/VOLUNTEER

April 2013 - October 2019

- Easter Egg Hunts and Halloween events for the community
- In charge of a booth/jumpy
- Provided assistance to other volunteers and participants