

ANDREW NGUYEN

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Education

University of Texas at Dallas

Bachelor of Science in Computer Science

August 2022 – May 2026

Richardson, Texas

Relevant Coursework

- Data Structures
- Programming Fund.
- Intro to CS and SE
- Computer Science II
- Computer Architecture
- Software Engineering
- Discrete Math for Comp.
- Prog. Lang. Paradigms
- Systems Prog. Unix

Experience

AVID

August 2022 – May 2023

Tutor

Plano, Texas

- Helped as a AVID Tutor to assist William High School students with questions and assignments.
- Helped cover a multitude of subjects, mainly focusing on math and science and led multiple students at a time.

Projects

JavaScript Issue Tracker Web App | *JavaScript, HTML*

September 2023

- Simple tracker application that splits the user interface into 2 sections, one with interactive input form, the other containing a list of form inputs.
- Inputted issues are stored locally into the browser's storage, if reloaded, existing form requests will still appear.
- Utilizes Chance.js to create a Globally Unique Identifier (GUID), for each inputted issue

Portal Website for School | *JavaScript, CSS, HTML*

June 2024

- Developed a website that allows for easier navigation of university resources.

Portfolio Website | *JavaScript, CSS, HTML*

July 2024

- Created a website using in order to present skills and projects using basic web development.

Password Generator Browser Extension | *JavaScript, CSS, HTML*

July 2024

- Developed a Password Generator web application using HTML, CSS (SCSS), and JavaScript to use as a browser extension.

Weather Web App | *React, HTML, CSS*

August 2024

- Developed a weather application using React and the OpenWeatherMap API.
- Implemented state management with React hooks to handle user input and API responses.
- Utilized the Fetch API to retrieve real-time weather data based on user queries.

TMDB Movie Database Web App | *React, HTML, CSS*

August 2024 - In Development

- Developing a web app to access TMDB API to create a local movie data base

Facial Recognition | *OpenCV, Python*

August 2024 - In Development

- Learning how to develop a facial recognition system using Python and OpenCV, achieving real-time detection and recognition.

Technical Skills

Languages: HTML, CSS, JS, C++, Python, Node.js, React

Developer Tools: VS Code

Technologies: Linux, GitHub, Git, Docker, PostgreSQL

Extracurriculars

National Beta Club

Fall 2020 – Spring 2022

Member

North Garland High School

- Achieved 40+ hours of community service.
- Participated as group member and group leader for multiple events, such as Walk to End Alzheimer's.