Thanh Long Nguyen

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EDUCATION

University of North Texas | *Denton, Texas*   **Expected May 2024**
Bachelor of Science | Computer Science | ABET accredited   GPA: 3.86
Relevant Course Work: Data Structures, Algorithms, Fundamentals of Database Systems

Palm Beach State College | *Lake Worth, Florida*   **May 2021**
Associate of Art | Computer Science   GPA: 3.83

PROJECTS

- Color Accessibility App (Next.js, Django, HTML/CSS, Machine Learning)
  - Collaborating with a team of four to develop a color accessibility web application to assist color-blind individuals in recognizing colors.
  - Utilized a Next.js frontend, Django backend, and RESTful APIs for color recognition, implementing a machine learning model for color recognition.
- React Feedback App (REST API)
  - Designed and built a feedback management app using React, allowing users to add, update, and delete feedback entries.
  - Integrated a mock REST API with JSON-server, ensuring data persistence and real-time updates.
  - Implemented the Context API to manage global state, enhancing data accessibility and app scalability.
  - Reduced user-reported issues by 25% through regular updates and bug fixes.
- Training Record App (React & Fitness API)
  - Developed a dynamic web-based application for tracking fitness routines, leveraging React for a responsive user interface.
  - Crafted features for users to create workout sections, add exercises, and log details such as reps and weights.
  - Integrated a rest timer with audio alerts to guide users through their workout sessions efficiently.
  - Implemented data persistence to save workout progress, leading to improved user engagement and retention.

SKILLS

Languages: Python, JavaScript, SQL, HTML, CSS
Frameworks: React, Bootstrap, Django
Tools: Visual Studio Code, GitHub, Linux, Microsoft Office

AWARDS/SCHOLARSHIPS/GRANTS

Excellent Transfer Scholarships, University of North Texas   2021- 2023

President's List, University of North Texas   Fall 2021

The GRAMMYs: Internship Project - Website Audience Analysis, Global Tech   Summer 2023

AWS Certified Cloud Practitioner