

Henry Nguyen

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EDUCATION

University of Texas at Dallas

Richardson, TX

B.S in Computer Science, Minor in Cybersecurity

Expected 2026

- **Relevant Coursework:** Data Structures & Algorithms, Advanced Algorithm Design, Software Engineering, Systems Programming in UNIX, Computer Architecture, Probability & Statistics in CS, Machine Learning

WORK EXPERIENCE

Imagine Communications

Jan 2025 - Current

IT Specialist Intern

Plano, TX

- Designed and optimized SQL queries across Oracle and Salesforce databases, improving reporting performance and data retrieval speeds by over 25%
- Built interactive Power BI Dashboards to monitor over 100+ devices and visualize company performances across various departments
- Automated infrastructure departments using Terraform, reducing provisioning time and enabling faster scaling of internal systems
- Provided hands-on IT support for hardware, software, networking, onboarding, while maintaining secure configurations.

Outlier

Dec 2024 - Current

AI Model Trainer (Contract-Based)

Remote

- Evaluated and refined AI model outputs on 150+ STEM and coding prompts, identifying logical flaws, edge cases, and improving reasoning accuracy
- Collaborated with researchers to fine-tune large language models, enhancing accuracy, reliability, and adaptability across multiple AI applications

PROJECTS

Internship Tracker | Next.js, TypeScript, Tailwind, OpenAI API, PostgreSQL.

May 2025 – August 2025

- Developed a full-stack internship management program using Next.js and TypeScript, implementing a scalable component system that can hold over 100+ records.
- Integrated an AI-powered classification pipeline using OpenAI API, achieving an average of 85% accuracy in automatic categorization of internship entries
- Designed a secure PostgreSQL database with JWT-based authentication, ensuring safe storage of sensitive user data

NBA Muse | JavaScript, Turso/libSQL, DuckDB, SQLite, Next.js

August 2025 - September 2025

- Developed an NBA stats search-engine that can return any specific box score stat for any player between 1997-2024 seasons.
- Converts user queries into parameterized SQL via Next.js APIs; DuckDB ETL powers instant summaries of table/stats

- LEADERSHIP

Basketball Team Co-Captain

August 2023 - Current

Filipino Student Association

Richardson, TX

- Lead a competitive basketball team, organizing practices, strategies, and game plans to drive team performance
- Placed 6th in the Texas Tournament, Goodphil, fostering teamwork, open-ended collaboration, and camaraderie

SKILLS

Languages: Python, C/C++, Java, TypeScript, SQL, Bash

Frameworks: React, Next.js, OpenCV, Streamlit, Tailwind CSS

Databases/Cloud: PostgreSQL, Oracle, Salesforce, AWS, Azure DevOps

Tools: Git, Power BI, SQL Server Management Studio (SSMS)