

Andrew Anil George

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EDUCATION

New Jersey Institute of Technology

Newark, NJ

Bachelor of Science in Computer Science

Expected May 2025

- Relevant Coursework: Data Structures & Algorithms, Software Engineering, Cybersecurity

TECHNICAL SKILLS

Languages: Python, C++, Java, HTML, CSS, JavaScript, Bash, SQL, Swift, Kotlin, TypeScript

Tools: Git, CI/CD, AccuRev, Google Test, Visual Studio, Android Studio, Google Cloud Platform

Frameworks: React.js, Node.js, Bootstrap, TailwindCSS, RESTful API, PyTorch, Hugging Face

EXPERIENCE

Software Engineering Intern

Kennedy Space Center, FL

Jacobs

June 2024 – August 2024

- Developed a C++ interface using Logix Designer SDK to parallelize hardware PLC operations for NASA's Command & Control systems, cutting loading time by 83% and unloading time by 87%.
- Boosted project reliability and team collaboration by implementing unit tests with Google Test and integrating the solution into AccuRev for version control.

Generative AI Extern

Remote

Cognizant

June 2024 – July 2024

- Optimized a Generative AI model using PyTorch and Hugging Face, improving model efficiency by 20% and reducing inference time by 30%.
- Enhanced an image classification application, increasing CNN accuracy by 15% and improving real-time inference performance.

Student Technician - Unified Communications & Networking

Newark, NJ

New Jersey Institute of Technology

September 2022 – January 2024

- Upgraded and installed campus-wide communication systems, including telephones, networking, and computing infrastructure, leading to an 80% boost in operational efficiency.
- Led a key summer project with external contractors to boost network connectivity in residential dorms, resulting in higher student satisfaction.

PROJECTS

Portfolio Website

TypeScript, React, Node.js, TailwindCSS

DataVizApp

C++

Weather App

JavaScript, HTML/CSS

War Card Game

Swift, SwiftUI

Lightweight Fine-Tuning Project

Python, Generative AI, PyTorch, Hugging Face

LEADERSHIP

Web & Multimedia Editor

Newark, NJ

The Vector - NJIT's Student Newspaper

May 2023 – April 2024

- Spearheaded digital strategy as Web & Multimedia Editor, collaborating with 6 Executive Board members to revolutionize the digital footprint and lead strategic initiatives.
- Elevated monthly visitor engagement by 10% and reached over 15,000 users by maintaining and updating the WordPress website and social media platforms with weekly content.