

Arnav Patel

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EXPERIENCE

Biz4Group

Orlando, FL

Machine Learning Intern

Jun 2023 – Aug 2023

- Developed the first LLM-powered chatbot for iGaming services.
- Utilized python Scikit-learn to develop solutions for prediction modeling and data interpretation.

Web Developer Intern

Sep 2022 – Jan 2023

- Built frontend and databases of million-dollar E-commerce platforms with React and PostgreSQL.
- Used ads and SEO to increase client's brand awareness and online conversions.
- Optimized code to decrease website loading time by up to 40%.

Orlando Science Schools

Orlando, FL

Teaching Assistant Volunteer

Aug 2021 – May 2022

- Directly taught 100+ 5th grade students.
- Created custom software to provide personalized instructions for each student.
- Average class scores increased from 83% to 91%.

Orange Technical College

Orlando, FL

Robotics Research Intern

Jun 2021 – Jul 2021

- Used computer vision AI to create autonomous robots.
- High-pressure 4-week program, exceeding 10-hour workdays.
- Worked on product lifecycle steps including CADing, construction, programming, and presenting.

PROJECTS

PumpPeak – Workout App (IP) | *ReactNative, Expo, TypeScript, Supabase*

- Utilized Supabase for real-time messaging, database, file storage, and user auth.
- Used Edamam API to retrieve nutritional data
- Includes CRUD functionalities with AsyncStorage, Supabase, and SecureStore

Whisprey – Chat App | *React, TypeScript, Firebase*

- Employed Firebase for user authentication, storage, and database functionalities.
- Implemented Zod user validation.
- Includes UI customization and state authentication persistence

Titanic Survivors – Prediction Model | *Python, Streamlit, Scikit-learn*

- Used Streamlit to create frontend functional website.
- Leveraged pandas and sklearn to predict data based on user inputs.

EDUCATION

Georgia Institute of Technology

Atlanta, GA

Pursuing Bachelors of Science, Computer Science Major

Aug 2023 – Present

Expected Graduation: Fall 2025

Orlando Science High School + University of Central Florida

Orlando, FL

AP Scholars with Distinction, Early Admissions Program, Computer Science Major

Aug 2019 – Jun 2023

GPA: 4.0/4.0

ADDITIONAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL (Postgres), C/C++, Java, php

Frameworks: React, ReactNative, Node.js, Expo, RapidAPI, Streamlit, Vue

Libraries: Redux, Next.js, Lodash, Pandas, NumPy, Scikit-learn

Other Skills: Autodesk, Git, npm, JSON, Circuit Design, Eclipse, IntelliJ, Hindi, Spanish