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 lifestyle steps including CADing, construction, programming, and presenting.

EDUCATION

Georgia Institute of Technology
Atlanta, GA

Pursuing Bachelors of Science, Computer Science Major — *Aug 2023 – Present*

- Expected Graduation: **Fall 2025** – GPA: 4.0/4.0
- Data Science Club - **Staff Software Developer**
- Product@GT Club - **Senior Product Manager**
- Undergraduate Consulting Club - S**enior Consultant**

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

Whispree – 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.

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