Maxwell Jackson

612-900-9176 | maxpjax@gmail.com | https://www.linkedin.com/in/maxwell-p-jackson | https://github.com/FootballManagerFan

EDUCATION

North Carolina Agricultural and Technical State University · Greensboro, NC
B.S in Computer Science · *December 2026*

SKILLS & CLUBS

Skills: Python, Java, TypeScript, JavaScript, React, Next.js, GitHub, REST API, Figma, Flask, StableDiffusion, LaRA, LaTeX, Cursor, Google AI Studio
Clubs/Awards: Wells Fargo Forage, ACM, ColorStack, CodePath, USCF, Greensboro Chess Club, NCAT Crypto Club

EXPERIENCE

ReplyQuick | *Next.js, TypeScript, Figma, GitHub, REST API, Supabase* · June 2025 – Present
Software Engineer Intern · *Sarasota, FL*
- Integrated AI-powered SMS, phone, and email agents (Twilio, Bland.AI, Retell.AI) to streamline client lead engagement and response workflows for local businesses.
- Shipped 3 core dashboard features, including multi-language support, dark/light mode toggle, and Excel-to-JSON contact import, improving UX and operational efficiency.
- Improved code scalability by implementing global state for themes and i18n, leveraging localStorage for persistent settings, and modularizing key UI components.

Odessa | *React, TypeScript, Tailwind, Express.js, REST API* · May 2024 - Present
Freelance Front-End Developer · *Greensboro, NC*
- Built 3+ fully responsive personal and business websites using React, TypeScript, and Tailwind, applying modern UI/UX best practices to maximize user engagement.
- Integrated SendMail API to enable real-time contact forms, allowing users to directly reach clients through the site.
- Handled end-to-end client services including deployment, hosting, payment system setup, lead acquisition, and maintenance (3 free updates per client).

Tremont Engineering · June 2023 – August 2023
Jr. Lab Engineer · *Greensboro, NC*
- Ran over 10 laboratory tests per week including Proctor Compaction Tests and Concrete Compressive Strength Tests.
- Performed over 10 on-site tests per week such as Slump tests and Asphalt Coring.
- Used software such as eField and Excel to track data and submit reports.
- Spearheaded quality control and testing for projects by **Aldi's**, **Sterigenics**, and **LaQuinta**.

PROJECTS

Prep.AI | *Node.js, Express.js, Google Speech API, Web Audio API, OpenAI API*
- Developed a real-time AI-powered mock interview system enabling natural voice conversations with OpenAI response generation.
- Implemented advanced Voice Activity Detection (VAD) using Web Audio API with RMS volume calculation algorithm for precise speech detection.
- Integrated Google Cloud Speech-to-Text API for accurate transcription and OpenAI GPT-3.5-turbo for cheap contextual interview questions.
- Built responsive front-end with JavaScript and Tailwind, featuring real-time audio processing, silence detection, and automatic conversation flow management with Text-to-Speech.

SewerShorts | *Content Strategy, CapCut, Market Analysis*
- Grew YouTube channel SewerShorts to over 18,000 views in one month by leveraging trending topics and short-form video strategies.
- Analyzed TikTok algorithm behavior and utilized TTCC, CTR optimization, and audience retention techniques to boost visibility.
- Audience retention techniques include the 3 Second Rule, Thumbnail Selection, Captivating Hooks, and high-quality profile images for the page.