

Maxwell Jackson

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North Carolina Agricultural and Technical State University

B.S. in Computer Science

Greensboro, NC

Dec 2026

SKILLS & CLUBS

Languages/Tools: Python, Java, TypeScript, SQL, JavaScript, React, Next.js, Node.js, RESTful API, Git, Docker, Vercel, Supabase, Flask, Figma, StableDiffusion, LaTeX

Clubs/Awards: ACM, ColorStack, CodePath, USCF, Greensboro Chess Club, NCAT Crypto Club, Wells Fargo SWE Simulation

EXPERIENCE

ReplyQuickAI | *Next.js, Supabase, Twilio, Docker*

Aug 2025 – Present

Lead Software Engineer

Sarasota, FL

- Directed design of core dashboard features (Messages & Replies, Lead Upload, Lead Lists) across API, DB, and UI layers.
- Integrated Twilio APIs and webhooks to enable real-time SMS/WhatsApp messaging within the platform.
- Architected Supabase schema and API endpoints for syncing client communications directly to dashboard workflows.
- Led a 3-person team, reviewing PRs and coordinating with CEO, clients, and Sr. Devs to ensure delivery of MVP milestones.

ReplyQuickAI | *React, Next.js, Tailwind, i18n, Git, Postman*

Jun 2025 – Aug 2025

Software Engineer Intern

Sarasota, FL

- Shipped features for dark/light mode and multilingual support with persistent local storage settings.
- Refactored UI/dashboard and middleware, modularizing dashboard components for reusability, and updating URL routing based on page and language.
- Used Postman to QA/Test DB and API features from Retell.AI and Supabase

Odessa | *React, TypeScript, Tailwind, Figma*

May 2024 – Present

Freelance Front-End Developer

Greensboro, NC

- Developed 3+ responsive client websites using React and Tailwind, applying modern UI/UX best practices.
- Integrated SendMail API for live contact forms and managed deployment, hosting, payments, and client support.
- Handled end-to-end client services including deployment, hosting, payment system setup, lead acquisition, and maintenance (3 free updates per client)

Tremont Engineering

Jun 2023 – Aug 2023

Jr. Lab Engineer

Greensboro, NC

- Conducted 10+ weekly lab tests (Proctor Compaction, Concrete Strength) and on-site tests (Slump, Asphalt Coring).
- Delivered quality control for projects with **Aldi's**, **Sterigenics**, and **LaQuinta**.
- Tracked Data in Excel and eField, which was forwarded and used by project engineers.

PROJECTS

Prep.AI | *Node.js, Express, Google Speech API, OpenAI API*

- Built real-time AI interview simulator supporting natural voice conversations with contextual follow-ups.
- Implemented Voice Activity Detection (RMS-based) for precise speech detection and smoother conversation flow.
- Enabled resume upload with pdf-parse, letting AI generate personalized interview questions.
- Combined Google Speech-to-Text with GPT-3.5 for accurate, low-cost interview prompts.

SewerShorts | *YouTube Growth, Market Analysis*

- Grew a channel to 18K+ views in one month using short-form video strategies and algorithm analysis.
- Analyzed TikTok algorithm behavior and utilized Creative Center, CTR optimization, and audience retention techniques.
- Audience retention techniques include the 3 Second Rule, Thumbnail Selection, Captivating Hooks, and high-quality profile images for the page.