

# KADEN BROWN

Richmond, VA

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## Education

### Virginia Commonwealth University

Expected graduation: May 2026

Bachelor of Engineering in Computer Science, Minor in Artificial Intelligence

Richmond, VA

Activities: Technical Member @ National Society of Black Engineers (NBSE) & Active Member @ ColorStack

## Relevant Coursework

- |                             |                       |                                  |  |
|-----------------------------|-----------------------|----------------------------------|--|
| • Computers and Programming | • Data Structures     | • Computer Systems               | • Algorithm Analysis w/ Advanced Data Structures |
|                             | • Discrete Structures | • Fundamentals Software Engineer |  |
|                             | • Linear Algebra      |                                  |  |

## Experience

### Cliplanta

December 2023 – Present

Founder, Content Automation Engineer

Richmond, VA

- Built an end-to-end automation system using **Python** for influencer marketing, reducing manual editing and posting time by **90%**, enabling faster content turnaround and scaling for digital creators.
- Scaled a TikTok page to **50K+** followers, **20M+** total likes, and over **\$7K** in monthly revenue through automated, high-volume content production for influencers.
- Boosted content output by **400%** by scripting a custom workflow to convert livestream clips into short-form videos.

### CodePath

May 2025 – August 2025

Full-Stack Web Development Fellow

Remote

- Collaborated in a small team to plan, design, and develop a web application from the ground up using **HTML**, **CSS**, and **JavaScript**.
- Took part in weekly code reviews and team stand-ups to discuss progress, assign tasks, and troubleshoot issues collaboratively.
- Contributed to both front-end layout and interactive features, ensuring responsive design and cross-browser compatibility.

## Projects

### DueNow - Smart Assignment Tracker Mobile Application | React Native, Firebase, Expo, Gemini API June 2025

- Built a mobile app serving **1,000+** potential student users with organizing assignments, tracking deadlines, and receiving intelligent reminders — projected to reduce missed coursework by **90%**.
- Architected Firebase backend infrastructure with real-time database synchronization and Expo push notification services
- Integrated **Google's Gemini API** to automatically parse syllabus PDFs and extract structured assignment data, reducing manual input by up to **85%**.

### NBA Game Recap Generator | Google Cloud, MongoDB, Gemini API

May 2025

- Built an AI-powered application that automatically generates personalized NBA game recaps using real-time game data and large language models, reducing manual recap writing time by **90%**.
- Integrated Google Cloud and Gemini API to analyze player stats, game flow, and highlight-worthy moments to produce engaging, human-like summaries with **100%** accuracy.
- Optimized API interactions and prompt engineering for accurate, readable, and contextually relevant summaries, reducing editing needs by **60%**.

### Medical Adherence System | Next.js, React, JavaScript, Tailwind CSS

April 2025

- Collaborated with a team of 4 to develop a full-stack web application that helps patients manage medication adherence, reducing missed doses in simulations by **35%**.
- Integrated FHIR APIs to securely fetch and display real-time prescription data from electronic health records.
- Developed a responsive patient dashboard using Next.js and Tailwind CSS, allowing users to view medications, schedules, and receive timely reminders.

## Technical Skills

**Languages:** Python, JavaScript, Java, C, HTML/CSS, TypeScript

**Developer Tools:** Visual Studio Code, Git, GitHub, MongoDB Atlas

**Technologies/Frameworks:** Next.js, React, React Native, Tailwind CSS, REST API's, OpenAI/Gemini API