Imani Dinkins

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EDUCATION

North Carolina Agricultural & Technical State University | Greensboro, NC   **May 2027**

B.S. in Computer Science, Minors in Applied Mathematics | GPA: 3.97/4.0

- **Honors:** Chancellor's List, Clark Scholar, Thurgood Marshall College Fund Scholar, NACME Ford Scholarship

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS, R, SQL, Latex

Tools and Frameworks: Node.js, React.js, Docker, Podman, Jira, Git, Firebase, Google Cloud Platform

RELEVANT EXPERIENCE

Ford Motor Company | Dearborn, MI   **June 2025 - Aug. 2025**

Cloud Cybersecurity Engineer Intern

- Designed and deployed an automated reporting bot that delivers Azure Front Door and Application Gateway metrics to Microsoft Teams daily
  - Automated engineering reports with a Python script using BigQuery, Cloud Run, and Cloud Scheduler, deploying via Podman to reduce manual effort by **15%** and complete a 3-month assignment in **1 month**
- Managed over **20** Virtual Private Cloud Service Controls tickets, enforcing geo-blocking on **85 applications**, engineering custom detectors with Google SecOps to identify unsecured service accounts, and monitored for regulatory security compliance risk
  - Diagnosed and resolved security risks in Google Cloud Platform, communicating data sensitivity concerns to app owners and implementing access controls with Terraform

Ford Motor Company | Dearborn, MI   **June 2024 - Aug. 2024**

Software Engineering Intern

- Migrated the Call Center website from SharePoint/Emplifi to Google Cloud Platform with Drupal
  - Used TypeScript and ReactJS to replace existing Sharepoint as a department cost-save initiative
  - Built custom components and collaborated with a 5-member intern team to deliver a streamlined, user-friendly interface that enhanced navigation and overall user experience

PROJECTS

RealitFy | *Personal Project*   **March 2025-Present**

- Developed *RealtiFy*, a **full-stack** real estate web application that enables users to browse listings, manage profiles, save favorites, and securely interact with agents
- Built with React, Firebase (Auth, Firestore, Hosting), and custom role-based access utilities to deliver a responsive, modern, and secure user experience

Ford Philanthropy | *Global Mobility Project*   **June 2024 - Aug. 2024**

- Reduced Ford Philanthropy's workload by **50%** (saving one year of work) within **8 weeks** by delivering actionable data insights and recommendations as part of a five-intern team
- Researched transportation challenges across **7 countries** and presented solutions to the Global Mobility Team and Ford Philanthropy executives, driving strategies for **global impact**

LEADERSHIP EXPERIENCE

North Carolina A&T State: Department of Computer Science | Greensboro, NC   **Jan. 2024 - Present**

Java Teacher Assistant - COMP 167: Computer Program Design