

# John Nti Anokye

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## EDUCATION

### Grambling State University

*Bachelor of Science, Computer Science GPA: 3.96*

Grambling, LA

*Expected - Dec 2027*

### Relevant Coursework

*Data Structures and Algorithms, Discrete Structures, Calculus, Linear Algebra, Probability and ,OOP*

### Certifications

*Codepath Introduction to Android Development*

*Aug. 2025*

## TECHNICAL SKILLS

**Programming Languages:** Python, Javascript, C++, **Typescript**, Kotlin

**Frontend:** React, **Next.js**, Tailwind CSS

**Backend / Databases:** Python(FastAPI/Flask), **Node.js**, PostgreSQL, MongoDB

**Machine Learning:** Scikit-learn, Numpy, Pandas, Keras, OpenCV

**Developer Tools:** Git, Github, VSCode, Postman, Jupyter Notebooks, Linux

## EXPERIENCE

### Headstarter Software Engineering Resident

May 2025 - September 2025

*Headstarter*

*Remote*

- Worked on 10 impact-driven projects focused on AI, machine learning, automation, and full-stack delivering working solutions under tight deadlines
- Researched unfamiliar technical domains independently, synthesized inter-disciplinary findings, and iteratively prototyped solutions
- Collaborated with cross-functional peers to design, build, and present functional prototypes and technical documentation
- Employed AI code generation in development, testing, debugging and documentation of full stack applications

## PROJECTS

### NSBE Grambling Chapter Website | *Javascript, HTML, Tailwind CSS, React, Git*

September 2025

- Owned end-to-end development of website for National Society of Black Engineers Grambling Chapter to be used by 1000+ student members
- Implemented a responsive, SEO-optimized homepage by using React and Tailwind CSS to achieve Lighthouse scores of 88 Performance/96 Best Practices, and reduce first-contentful-paint by 40%

### AI-Powered Prior Authorization Software | *Python, PyMuPDF, Gemini API, Mistral OCR, Git*

June 2025

- Built an AI-powered tool that can complete prior authorization forms automatically, reducing prescription delays by 95%
- Integrated 2 AI models with a Python-based pipeline to parse and structure clinical data.
- Simulated end-to-end scenarios with sample records achieving 70% accuracy in data entry by comparing results against human output

### Automated Real Estate Appraisal Software | *Python, Pandas, Scikit-learn, Jupyter Notebook, Git*

May 2025

- Developed a machine learning prototype to automate real estate appraisals by clustering housing data and selecting comparable properties
- Structured and cleaned raw data on 2000+ properties using Pandas and applied feature engineering to improve model inputs and performance
- Designed and tested Jupyter Notebook workflows for iterative data exploration and model refinement

### Trending Movies App | *HTML, Tailwind CSS, React, AppWrite, Git*

January 2025

- Developed a movie web application using React to find and search for trending movies
- Optimized search functionality by debouncing to improve performance and control API usage.