

# Clyde Tandjong

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## EDUCATION

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### Morgan State University

Baltimore, MD

*Bachelor of Science in Computer Science, CIA Honors Student - 4.0 GPA*

*December 2025*

**Relevant Coursework:** Calculus 1 & 2, Linear Algebra, Object Oriented Programming, Discrete Structures, Data Structures and Algorithms, Intro to Data Science, Cloud Computing, Computer Systems & Digital Logic

## EXPERIENCE

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### Software Engineer Intern

June 2024 – Present

*Bloomberg LP*

*New York, NY*

- Revamped **80%** of an internal product catalog dashboard from the Bloomberg terminal into a full-stack application using **React JS and Express**, with features such as relevance sorting, customizable layouts, and more.
- Redesigned the dashboard using **UI/UX principles**, reducing clutter by over **60%**, improving user experience.
- Developed a backend service to query **PostgreSQL** tables, process data, and return results via API endpoints.

### Software Engineer Intern

May 2023 – Aug 2023

*Intuit Credit Karma*

*Charlotte, NC*

- Designed and implemented an internal dashboard in **React JS** featuring advanced search, sorting, and filtering functionalities to display member notifications, resulting in a **450%** increase in productivity
- Identified and resolved a critical bug impacting **70%** of unit tests for a key task, improving code quality.

### Artificial Intelligence Undergrad Research Assistant

Aug 2023 – Present

*Morgan State University*

*Baltimore, MD*

- Leading a team of researchers in the development of a web-based **intelligent tutoring system** in mathematics
- Created LMS backend integration with Canvas for an AI-powered student assistant application

## PROJECTS

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### AI Interior Design Remodeling Website | *Streamlit, Python, BigQuery, GCP, HTML, CSS*

May 2024

- Worked on a team of 3 and developed the community flow of the app to allow users to view and search for posts by attributes, create posts featuring their AI interior redesigns, and leave comments on posts.
- Utilized **Gemini AI** to offer furniture detection in images to foster inspiration in the community

### Bible Lower-Third Graphics OBS Plugin | *Python*

Oct 2023

- Developed an OBS plugin in **Python** that creates and displays lower-third graphics of Bible verses on live video feed depending on the book, chapter, and verse range inputted.
- Incorporated by the technology team at a church to stream weekly videos (**60+** videos so far).

### Songbook Mobile App | *Java, XML, Firebase*

Aug 2021

- Released and created an Android mobile application using Java, XML, and Firebase downloaded by **100+** people on Google Play that served as a digital version of a church's physical songbook

## LEADERSHIP

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### Camp Mentor & More

Aug 2023 – Present

*Human-eXperience Lab*

*Baltimore, MD*

- Volunteered 100+ hours towards curriculum development, mentoring, teaching, event planning and facilitation, etc
- Taught and conducted workshops with over 100+ students on computer science topics such as Artificial Intelligence, Game Development in Roblox w/ Luau, Programming Fundamentals, and more

### Google Tech Exchange Student

Jan 2024 - May 2024

*Google*

*Mountain View, CA*

- Learned from Google Engineers, Applied Data Structures and Software Development via project-based learning.

## TECHNICAL SKILLS

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**Languages:** Python (3yrs), Java (3yrs), YAML, HTML/CSS, JavaScript, Typescript, Scala

**Frameworks:** React JS, Node JS, ExpressJS, Android Studio, Tkinter, Streamlit, Fast API

**Developer Tools:** Git, GitHub, Docker, CircleCI, VS Code, Firebase, BigQuery, Unit Testing, APIs, GCP, Postgresql