

LEWIS KYRON NYORO

San Francisco, California • (415) 726 3129 • kyronnyoro.m@gmail.com • [LinkedIn](#) • [GitHub](#)

EDUCATION

Minerva University

San Francisco, California

Bachelor of Science in Computer Science

Sep 2021 - May 2025

- Ranked #1 most innovative university in the world by [WURI 2022](#). ~1% acceptance rate.
- Coursework: *Data Structures & Algorithms, Software Development, Calculus, Statistics, Object-oriented design.*
- **External courses:** *Codepath Intro to Mobile App Design (Android), Codepath Intermediate Software Engineering Prep.*

SKILLS

Programming Languages: Python (proficient), Java (intermediate), Javascript (intermediate).

Web Technologies: HTML (proficient), CSS (proficient), MongoDB (intermediate) SQL(intermediate).

Frameworks/libraries: JQuery (intermediate), React JS (intermediate), Express.js (intermediate).

RELEVANT EXPERIENCE

Illiquid Labs | Software Engineer | Hyderabad, India

Feb 2023 - Present

- Built a 95% accurate chatbot using React, Vite, & GPT-3-based LLM for prompt client and staff responses.
- Built a Flask API to communicate with Notion for quick access to internal files & reference data.
- Improved search accuracy by 75% by leveraging LlamaIndex & GoogleDocsReader for efficient indexing of data.

IBM | Accelerate Intern | Armonk, New York

Jun 2022 - Aug 2022

- Prototyped a chatbot for DTE bank, decluttering customer service call requests and reducing service delays by 15%.
- Improved user interaction by 10% by implementing animations (hand waves and typing indicators) using AniJs.
- Optimized chatbot complexity handling through ideating and auto-generating user responses using chatterbox.
- Participated in bi-weekly training on back-end technologies (REST APIs and Node. JS).

Minerva University | Web Developer | San Francisco, CA

Jan 2022 - Apr 2022

- Ideated design documents using Figma for an internal student scholarship website to be used by over 600+ students.
- Improved the website's data querying by 10% by fine-tuning the databases' data modeling structure.
- Coded the scholarship home page interface using EJS making data rendering more dynamic as page data changes.

PROJECTS

E-commerce Website | Full-stack Developer | CSS, HTML, Javascript

- Built a seamless cross-device experience using Bootstrap increasing website traffic by 25%.
- Automated order tracking using Twilio APIs, allowing the business owner to easily view orders through Whatsapp.
- Systematized the website database using MongoDB for simplified data scaling and storage.
- Implemented the database schema using Mongoose for data validation, categorization, and querying.

LockVault | Back-end Developer | Python

- Utilized MongoDB for efficient management of user details and saved passwords.
- Implemented user authentication with PassportJs for simplified registration and cookie storage.
- Developed a robust RESTful API for seamless data communication between the front-end client and the database.
- Incorporated input validation and error handling to ensure data integrity, improving application reliability by 35%.

TSP Genetic Algorithm | Python Developer | Python

- Designed an algorithm that generated the approximate shortest route between points on a graph using NetworkX.
- Enhanced algorithm flexibility by allowing users to have agency in adjusting parameters and hyperparameters.
- Enabled the visualization of the improved iterative routes using Seaborn and Matplotlib.