

Yusuf Elbana

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EDUCATION

Rutgers University

Bachelor of Science in Computer Science

Major GPA: 3.8/4.0, Cumulative GPA: 3.5/4.0

New Brunswick, NJ

Sep. 2021 – Present

EXPERIENCE

Freelance Fullstack Web Developer

Sep. 2024 – Present

[Live](#)

- * Developed and currently launching a responsive website for The Cookie Castles Co. using Next.js, TailwindCSS, and Framer Motion
- * Built a serverless API to manage user contact submissions, utilizing Nodemailer to route customer inquiries to the company
- * Considering integrating a SQLite database to efficiently manage products as the quantity grows beyond a manageable size

PROJECTS

OdysseyGPT | *Python, Pytorch*

Jan. 2025

[Source](#)

- * Developed a language model using the transformer architecture trained on The Odyssey by Homer
- * Integrated multi-head attention to capture diverse token relationships and improve contextual understanding through multiple attention heads
- * Utilized a lower triangular mask so each token only attends to past tokens

TCP Chat Room | *Rust*

Jan. 2025 - Present

[Source](#)

- * Developed a concurrent TCP chat room with a multi-threaded server and client, enabling real-time communication for multiple users
- * Designed a universal sending thread on the server to distribute messages to all connected clients, with each client receiving their own dedicated thread to handle incoming messages
- * Built a client with two threads: one for sending and another for receiving messages, ensuring smooth communication
- * Planning on adding voice communication & implementing TLS encryption

Ataraxia | *Next.js, CSS, Nodemailer, Framer Motion*

Sep. 2023

[Source](#) [Live](#)

- * Developed an animation-rich, responsive example website for a web development agency
- * Built a serverless API endpoint to handle user contact submissions, utilizing Nodemailer to process and send inquiries to the agency via email

Personal Portfolio | *Next.js, TailwindCSS, Framer Motion*

Nov. 2024 - Present

[Live](#)

- * Developed and actively changing a minimalist, responsive website to showcase my projects
- * Experimental navigation, with UX being heavily inspired by GNOME/macOS

TECHNICAL SKILLS

Languages: C, Rust(learning), Python, Java, Typescript/Javascript

Web: HTML/CSS, TailwindCSS, Next.js/React.js

Databases: SQL, MongoDB(familiar)

Developer Tools & Environments: VS Code, Vim/Neovim, Figma, Git, Debian & Redhat based distributions