Yoftahe Milkessa

Website Linkedin Email
+1(475) 209 0186

EDUCATION

Yale University, New Haven, CT; Class of 2022

- Bachelor of Science, Computer Science

SKILLS

- Python, Typescript, React.js, Javascript, C, PostgreSQL and Rest APIs. Working knowledge of Golang, HTML, CSS. Experience with Dart and the Flutter framework, ROS

WORK HISTORY

Huddlers, *Founder, Software developer*, March 2024 - Present

- Started huddlers.dev, a web service that enables developers to create fast and resource-efficient Nostr applications. Developers use this service to collect public posts from multiple relays and store them in a cache, which can be accessed from client apps via simple web requests.
- Built this service from scratch, using Golang and PostgreSQL.
- Added a feature for tracking up-to-date profile information of the authors of all cached posts.
- Repeatedly shared this service to Nostr developers, obtained suggestions, and launched improved versions.

Various Projects, *Software developer,* March 2023 - December 2023

- I made the following 2 startup attempts while residing in the US on a Temporary Protection Status:
- An LLM-based chatbot for searching for apartments in Addis Ababa, Ethiopia, using 2 local languages. I built an MVP using Typescript + PostgreSQL and launched it on Telegram. Failed to get traction.
- A protocol for sharing single-use tokens for listening to monetized music. I built and hosted a prototype as a chatbot on zemabot.nostracks.com. Failed to get traction.

Rutter, *Software developer*, August - November, 2022,

- Increased the scope of Rutter's accounting endpoints by building integrations with Quickbooks using Typescript.
- Built Rutter's integration with eBay's XML api.
- Wrote tests for Rutter's accounting integrations with Quickbooks and Xero, increasing test coverage.

Apple Inc, *Intern at Systems Firmware and Diagnostics*, Summer 2021, Remotely from New Haven, CT

- Worked on lowering the boot time of diagnostics software in order to increase testing speed in the factory. Achieved boot time reductions in the range of 3 to 15 seconds across the different versions of Apple's M1 Macbooks which were rolled out later that year.

Yale University, *Tutor for the class "Mathematical Tools for Computer Science"*, Fall 2020, New Haven, CT,

- Conducted regular review sessions on the topics of Linear Algebra and Discrete Mathematics as a paid tutor for two undergraduate students at Yale.

Yale Interactive Machines' Group, *Research Assistant,* New Haven, CT, May 2019 - March 2020

- Programmed the motion of a robot using Python and a ROS framework. This was done as part of a research project on studying people's perception of a robot's gaze.
- Recruited participants for our human-robot experiments during the summer of 2019. Supervised all of these experiments which were conducted in the Yale IMG lab. Results were published at IROS. Link to paper