

# Alafi Dumo

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## EDUCATION

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**Northwestern University**  
*B.S. in Computer Engineering*

Evanston, IL  
*Expected Graduation: Spring 2028*

## SKILLS

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|------------------------|---|
| <b>Web &amp; Tools</b> | HTML, GitHub, Google Suite, TypeScript, Node.js, React                                    |
| <b>Programming</b>     | Python, Go, C++, TypeScript   |
| <b>Administrative</b>  | Project coordination, meeting facilitation, process documentation, team communication     |
| <b>Soft Skills</b>     | Detail-oriented, dependable, strong written and verbal communication, works independently |

## EXPERIENCE

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**Develop & Innovate for Social Change (DISC)** Evanston, IL  
*Project Manager & Frontend Engineer — The Recyclery Website Revamp* Jan 2025 – Jun 2025

- Led a 5-person team through agile sprints, setting deadlines, documenting processes, and maintaining clear internal communications.
- Migrated nonprofit website from WordPress to TypeScript/Node.js/React, cutting load times by 30%; updated and maintained web content and site documentation.
- Built a secure admin authentication system for non-technical staff, enabling reliable self-service site updates.

**The Garage at Northwestern** Evanston, IL  
*Luminate Fellow — AgriCast Project* Jan 2025 – Mar 2025

- Managed an independent research and engineering project from ideation to deployment, coordinating timelines and deliverables autonomously.
- Wrote technical documentation and communicated project status across stakeholders.
- Engineered an ML pipeline (Python, Scikit-learn) deployed on AWS EC2/S3; piloted an SMS alert system reaching 20+ rural residents.

## LEADERSHIP & ACTIVITIES

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**Northwestern DISC** Evanston, IL  
*Member & Project Lead* Fall 2024 – Present

- Managed full project lifecycle for a nonprofit website revamp: organized sprint meetings, tracked deliverables, onboarded contributors, and maintained documentation.
- Collaborates on social impact tech projects, supporting team logistics and cross-functional communication.

**NU IEEE — Institute of Electrical and Electronics Engineers** Evanston, IL  
*General Member* Fall 2025 – Present

- Coordinates study groups of 5+ members, handling scheduling, logistics, and team communication.
- Participates in hardware workshops and guest lectures.

## PROJECTS

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**Mundane** — *Personal Photography Project*

- Curates and organizes a photo collection by theme, maintaining consistent file structure and content cataloging.

**Memcached CLI Client** | *Python, Memcached, Sockets*

- Built and documented a command-line tool end-to-end, including unit testing with Pytest.

**Mini Container Runtime** | *Go, Linux*

- Built a minimal Docker-like runtime using Linux namespaces and cgroups v2; ran multiple containers concurrently in local tests.