

PROFESSIONAL SUMMARY

As a computer science professional with experience in machine learning and community organizing, I have developed strong problem-solving and communication skills, along with a deep understanding of the social and ethical implications of emerging technologies. My passion for machine learning, coupled with my commitment to community building, makes me a strong candidate for roles focused on advancing machine learning technology. I am eager to contribute to the growth and development of machine learning libraries and communities, and I believe my skills and experiences align well with the values and goals of organizations dedicated to democratizing machine learning for social good.

EMPLOYMENT HISTORY

JUN 2023 - JUL 2024

Software Engineer, CVS Health, New York City

- Participated in a rotational program across back-end (Spring Boot) and front-end (Stencil, Next.js) teams, supporting feature development, code maintenance, and defect remediation.
- Created and enhanced BDD tests for application stability, and remediated accessibility defects to improve usability.
- Assisted with AI/ML prototypes leveraging Ollama, Llama Index, Hugging Face, and Gradio for knowledge retrieval and meeting minutes summarization.
- Explored advanced LLM techniques (e.g., retrieval-augmented generation, prompt engineering) through cross-functional collaboration.
- Contributed to Agile sprints, code reviews, and knowledge-sharing sessions to drive continuous improvement.

AUG 2021 - JUL 2024

Chairperson, For Our Liberation, Brooklyn, NY

- Lead mutual aid projects and film screenings in Brooklyn, fostering community engagement
- Develop and maintain the For Our Liberation website, ensuring seamless technological operations
- Organize programs and skillshares to meet community needs, enhancing local resources
- Facilitate discussions on collective struggle and technology's impact, promoting awareness

SEP 2020 - OCT 2021

Data Science Apprentice, IBM, Armonk, NY

- Built foundations in data science in order to build real world solutions to the problems of my community
- Assisted in research for Science for Social good, “Automated Evaluation of Representation in Dermatology Educational Materials”
- Participated in panel discussions about the impact of technology in marginalized communities

FEB 2019 - FEB 2021

Vice President, We Are STEM, Brooklyn, NY

- Developed event frameworks and oversaw STEM events to serve the people, achieving measurable engagement.
- Led the launch of We Are STEM from concept to completion, ensuring project milestones were met.
- Established partnerships with universities and organizations, successfully recruiting new members.
- Contributed to the organization’s 501(c)(3) status, facilitating strategic planning and compliance.

JUN 2019 - AUG 2019

Data Science Intern, IBM, Brooklyn, NY

- Prototyped an automated Repair-or-Replace decision system for the Maximo Enterprise Asset management using Python
- Presented a fullstack proof of concept for novel product ideas regarding the Repair-Replace feature
 - Coordinated discussion between the international IBM Research Laboratories and the Maximo group in Littleton, MA.
 - Prepared summaries of research findings and effectively presented them to supervisors.

JUL 2024 – PRESENT

Developer Advocate, Habibi Tech , Brooklyn, NY

- Developed and delivered engaging demos on using LLMs and building RAG systems, tailored to the unique needs of Habibi Tech's predominantly Muslim community.
- Facilitated insightful discussions on the impact of AI, emphasizing both technological innovation and culturally relevant applications.
- Played a key role in kickstarting Demo Day events, energizing community participation and fostering collaborative learning.

EDUCATION

MAY 2019 – JUN 2023

Bachelor of Science - Computer Science, Brooklyn College, City University of New York, Brooklyn, NY

SKILLS

Data Visualization	Front-end development (react, next.js, svelte)
Back-end development (Node.js, flask)	Data analysis
Version Control	Project Management
Community organization	Microsoft Office
Unix	

CURRENT ENDEAVORS

Sudanese Resistance Front

- Founded & Coordinated International Organizing Effort:** Launched the Sudanese Resistance Front—a platform dedicated to educating, agitating, and organizing over 100 committed members across the UK, Canada, and the US.
- Built a Dynamic Digital Communications Platform:** Established an influential online outlet—garnering 12,000 engaged followers—that effectively disseminates transformative narratives and organizes grassroots support.
- Material Support for Sudanese Communities:** Directed over \$50,000 in essential resources to emergency response and food sovereignty projects, ensuring aid reaches those directly affected on the ground.

Awlad Al Neel

- Political Advocacy Through Cultural Programming:** Developed and executed cultural events—such as movie and game nights—that educate participants about Sudanese history and culture while supporting grassroots advocacy efforts.
- Strategic Partnership Building:** Cultivated strong alliances with key Sudanese organizations to enhance collaborative initiatives and amplify community engagement.
- Leadership & Capacity Building:** Spearheaded the recruitment, training, and mentorship of a 15-intern cohort, equipping emerging leaders with hands-on experience in community organizing and cultural advocacy.

People > profit

- Established Foundational Framework:** Developed the organizational foundations for People Over Profit and forged strategic partnerships with organizations like Habibi Tech to critically reassess and amplify the impact of community-led tech initiatives.
- Showcased Transformative Impact:** Highlighted groundbreaking work from No Tech for Apartheid and other progressive groups, demonstrating the tangible, material benefits of technology built by and for the community.
- Organized Impact-Driven Events:** Planned and coordinated events that promote a people-centered development methodology—drawing inspiration from the mass line approach—to align grassroots needs with innovative technological solutions.