

BARA AHMAD MOHAMMED

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EDUCATION

MSc Computer Science , Brooklyn College, CUNY	Expected Graduation: 2025
<ul style="list-style-type: none">• Relevant Coursework: Discrete Structures, Data Science, Data Structures, Java, python, C, Linear Algebra, Software Development, Advanced C++ Programming, Analysis of Algorithms and Cloud Computing	
Computer Science , BMCC, CUNY	June 2023 -Dec 2023
MSc Geoscience Informatics , Emporia State University, ESU	Jan 2022 – June 2022
BSc Oil and Gas Engineering , Lakeside University	Aug 2020

SKILLS

Programming Languages: Java, JavaScript, HTML, CSS, PHP, C, Shell Scripting, Python, C++, C

Frameworks: React, Node, Express, Webpack, React Native and AWS

Technologies: Rest APIs, MongoDB, MySQL, Figma, Netlify, GitHub, Open AI, Render

Data Analysis/ Visualization: Matplotlib, Seaborn, Plotly and Excel

Machine Learning/ Deep Learning: Regression, Classification

Natural Languages: Fluent in English and French (spoken)

SOFTWARE DEVELOPMENT EXPERIENCE

Radical X Internship , Remote, NY	Oct 2023 – Dec 2021
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Cosmo Chat Application

- Implemented UX /UI design for Rex AI chatbot using Rest APIs, Node, React, HTML, CSS
- Integrated OpenAI for backed development to enhance user experience.

TECHNICAL PROJECTS

Lost and found website, <https://git.io>

- Developed a platform using PHP, MySQL, JS, CSS, and HTML to facilitate communication and item retrieval.
- Achieved 50% faster content load and enhanced accessibility through inclusive design principles.

gym Ideas, <https://git.io>

- Designed and built a platform using JS, CSS, HTML, Mongo DB, for sharing workout routines.
- Improved content load time and accessibility for users.

Pizza Order System & Book Rental System, <https://git.io>

- Developed a cross-platform desktop application.
- Utilized JavaFX, CSS, Java, and MySQL for robust implementation.
- Prioritized accessibility through the implementation of inclusive design patterns.
- Employed UX and UI design, enhancing the overall user experience.

ACTIVITIES

BMCC Computer-Sci Club , Brooklyn, NY	June 2023– Dec 2023
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Member

- Participate in weekly workshops and events with industry professionals that introduces students to fields in CS.
- Collaborated with industry professionals to provide valuable insights and learning opportunities.

ADDITIONAL EXPERIENCE

Math Tutor/Emporia University, SSS TRIO , Emporia, KS	January 2022 – December 2019
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Server /American Cut, Steak house , Tribeca, NY	June 2022 – PRESENT
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