

Praise Osinloye

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EDUCATION

University of Wisconsin-Madison Madison, WI
Bachelor of Science in Computer Science **Expected:** May 2024
Relevant Coursework: Data Structures, Algorithms, User Interfaces, Big Data Systems, Mobile App, Object Oriented Programming, Operating Systems
Awards: McNair National Scholar, WiscAMP Scholar, ColorStack, SEO Edge, Diverse Leaders of Tomorrow
Research Presentations: Harvard, Yale, UCLA, UT Austin, UMBC, NCUR Eau Claire, Cornell

TECHNICAL SKILLS

Languages: Java, C++, C, Docker, Golang, Python, HTML/CSS, JavaScript, React, SQL, Arduino
Frameworks/Developer Tools: JUnit, Kubernetes, AWS, Node.js, Next.js, Git, SpringBoot, Linux, Pytorch, Tensorflow

PROFESSIONAL EXPERIENCE

F5 Seattle, WA
Software Engineer Intern May 2023

- Automated a concurrent client facing logging tool using **AWS** and **Go**

University of Wisconsin-Madison Madison, WI
Research Project Lead (Machine Learning & Software Engineering) Dec 2022 – Present

- Used Python and NLP to simulate ChatGPT making judicial decisions in a courtroom.
- Leveraged machine learning big data from the US Census to find 35% bias against Black and Mexican defendants
- Managed biweekly code reviews in an agile framework collaborating through Git
- Presented results to Chancellor Mnookin and UW Board of Regents and over 500 researchers at Harvard University

McNair Summer Research Intern Madison, WI
Machine Learning Intern Dec 2021 – Sep 2022

- Developed a supervised learning model for credit risk assessment in loan applications aiming to mitigate bias
- Incorporated over 100,000 data test points, from the US Census using high throughput computing reducing preprocessing time by 40%
- Achieved a 3.5% improvement in AUC-ROC score through hyperparameter tuning of the selected XGBoost algorithm.
- Presented to over 100 researchers at the National McNair UCLA Research Conference

Center for AI & Digital Policy Washington D.C
International Policy Clinician Dec 2022 – Apr 2023

- Published AI Policy report involving 75 countries with Marc Rotenburg and other global leaders
- Presented weekly policy proposals to an international audience of over 500 lawyers, researchers, and software engineers

PERSONAL PROJECTS

Codex- ChatGPT Reconstruction

- Deployed a user friendly, interactive chatbot in Javascript implementing real time typing, loading screens.

Black Hair Full Stack Ecommerce Website

- Developed website using React and Next.js, resulting in a 35% improvement in response time
- Integrated shopping cart, Stripe API for payment gateway improving website speed by 30%

Black Power Coalition Outreach

- Deployed an website garnering that helped garner 65,000 petition votes for change

EXTRACURRICULARS

National Society of Black Engineers (NSBE)-Social Chair Madison, WI
Black Hair in the Workforce Sep 2021- Present

- Provided free Black owned hair products, food, and research articles to over 50 members
- Network with sponsors to fund 20 engineering students to the NSBE regional and national conferences

Colorstack Madison, WI
Tutor Sep 2021- Present

- Host LeetCode + CodePath study sessions for 10 undergraduates discussing optimal algorithm solutions