

Aaron Alexander

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EDUCATION

- **University of Illinois at Urbana-Champaign** Champaign, IL
Bachelor of Science in Computer Science + Advertising; GPA: 3.68 Aug. 2021 – May 2025
- **Relevant Coursework:** Intro to Computer Science I/II, Data Structures, Discrete Structures, Calculus I/II, Intro to Algorithms & Models of Computation

SKILLS

- **Languages:** Java, Python, C++, JavaScript, TypeScript, HTML/CSS
- **Technologies:** React, Node.js, MongoDB
- **Developer Tools:** Git, Docker, VS Code

LEADERSHIP EXPERIENCE

- **National Society of Black Engineers** Champaign, IL
Member/Mentor May 2023 – present
 - Participated as a mentor for the National Society of Black Engineers, tutoring and providing educational guidance to a younger mentee alongside another mentor
 - Helped to organize and participate in a joint NSBE/State Farm barbecue & networking session to encourage more Black and African-American students to participate in the field of STEM/software engineering
- **Hack4Impact** Champaign, IL
Software Developer Sep. 2021 – May 2023
 - Worked as a full-stack developer on behalf of the organization ClearPathNYC, primarily building front-end features & interacting with the Google Maps API
 - Worked as a full-stack developer on behalf of the Coko Foundation and their open source platform Kotahi, primarily building front-end features
 - Developed web-responsive features as a full-stack developer for the Climate Clock organization, including a mobile navigation bar and a full-screen feature for both desktop and mobile users

WORK EXPERIENCE

- **State Farm** Champaign, IL
Enterprise Technology Intern May 2023 – Present
 - Helped to create a tech stack recommender for internal teams within State Farm seeking to modernize their technologies and move onto the public cloud
 - Created a knowledge graph with Python & AWS that utilizes an enhanced ML/AI capability alignment model to recommend new tech stacks

PROJECTS

- **ClearPathNYC:** A collaborative project alongside other members of Hack4Impact UIUC, focusing mostly on building new front-end features such as React components to display various notifications/icons on the website. Interacted with Google Maps API to build integrated components based on a map of New York City.
- **Kotahi:** A collaborative project alongside other members of Hack4Impact UIUC, focusing mostly on building new front-end features/improving upon back-end registration features for one of the Coko Foundation's platforms.
- **Climate Clock:** A collaborative project alongside other members of Hack4Impact UIUC, focusing mostly on improving the front-end website of the Climate Clock nonprofit organization.