

ADAM SHAAR

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EDUCATION

University of Illinois at Chicago

B.A. in Computer Science, Software Engineering

08/2020 – 05/2024

Chicago, IL

Fenwick High School

08/2016 – 06/2020

Oak Park, IL

PROJECTS

Library Manager | [React & Express](#)

05/2024

- Library Manager with a dashboard for clients and librarians.
- <https://github.com/AdamSWS/Library-Management-Website>

Deep Space - Escape Room | [C#](#)

04/2024

- 2D Futuristic Spaceship Escape Room built with Unity.
- <https://github.com/AdamSWS/DeepSpace>

DrinkGuard App | [React Native](#)

12/2023

- Implementation of drink drug scanner app for DrinkGuard Device. Backend built with Firebase.
- <https://github.com/AdamSWS/DrinkGuard>

NBA Lineup Effectiveness Study | [Python](#)

12/2023

- Jupyter notebook showcasing how effective maintaining similar lineups are in NBA.
- Models made with Seaborn and ML analysis done with Sklearn.
- <https://github.com/AdamSWS/NBA-Trading-Data-Science-Final-Project>

Portfolio | [React](#)

12/2023

- Portfolio website, built with React. Hosted with Netlify.
- <https://adamshaar.netlify.app/>

Huffman Compression | [C++](#)

04/2023

- compresses text files based on the frequency of each of its containing ascii characters.
- <https://github.com/AdamSWS/Huffman-Compression>

CTA-Ridership-Statistics-2010-2022 | [Python & SQL](#)

02/2023

- displays ridership statistics based on user input of the Chicago Transit Auth. from 2010-2022.
- <https://github.com/AdamSWS/CTA-Ridership-Statistics-2010-2022>

ID3 Decision Tree Algorithm | [Python](#)

01/2023

- reads in binary information from csv file and builds ID3 decision tree.
- <https://github.com/AdamSWS/ID3-Decision-Tree-Algorithm>

TECHNICAL SKILLS

Languages: C++, C, Python, F#, Java, HTML, CSS, JavaScript, C#

Developer Tools: VS Code, IntelliJ Idea Ultimate, PyCharm, Git, Github, Jira, Postgres, Postman

Technologies/Frameworks: Linux, GitHub, Pandas, Numpy, Bootstrap, React, React-Native, Tailwind

Methodologies: Kanban, Scrum

CERTIFICATIONS

Learn HTML5 Programming From Scratch

07/2023

The Complete 2024 Web Development Bootcamp

05/2024