

# ADAM COLE

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[GITHUB](#)

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## SKILLS

React, Redux, Javascript, HTML5, CSS3, SQL, PostgreSQL, Python, Flask, Node.js, Express, Sequelize, Git

## PROJECTS

**QuestKeeper** (Python / Flask, Redux / ReactJS)

[live](#) | [github](#)

*QuestKeeper is a character creation application for Dungeons & Dragons 5e with a Flask backend and React frontend*

- Used React and CSS to implement a card-based grid layout front end that could be used as a template for many different pages to free up time to work on a complicated backend to store all the data.
- Standardized error handling on the frontend with React and backend with Flaskform to keep connections to the database quick and easy and secure important data.
- Designed a main page for each character that would present the most important data in a concise layout to make accessing the data the user needs faster.

**Euphony** (Python / Flask, Redux / ReactJS)

[live](#) | [github](#)

*Euphony is a Discord clone with a Flask backend and a React frontend*

- Improved the pair programming strategy we were initially using to lead to better communication between all the people involved and moving parts.
- Implemented a channels feature to keep chats organized and labeled for ease of use.
- Collaborated on a solution for the membership feature to allow users to choose servers they liked and join them.

**AirDnD** (Express / Sequelize, Redux / ReactJS)

[live](#) | [github](#)

*AirDnD is an Airbnb clone with an Express backend and React frontend*

- Created an elaborate nest of React components that link together and share data to keep the app on one page.
- Added live update to reviews and new posts to keep the page fast and easy to use without reloading.

**Don't Forget The Baby** (Express / Sequelize, HTML / CSS)

[live](#) | [github](#)

*Don't Forget The Baby is a Remember The Milk clone with an Express backend and a Pug template and HTML frontend*

- Coordinated the schedule for each day using a kanban board and assigned goals to each member of the team to keep people focused and on task and not confused by figuring out which goals the group would be collaborating on that day.
- Created the list feature to help organize the lists and keep them all in one place so people could create new ones and delete lists they no longer needed.

## EXPERIENCE

**Senior Maintenance Technician**

*Valvoline Instant Oil Change*

July

2020 - Feb 2021

- Oversaw shifts and helped customers and employees with any problems they might have to keep service on schedule and customers satisfied with their visit.
- Maintained a professional attitude in the window and under the car.

**Senior Technician**

*Hiller PHCE*

July

2019 - Apr 2020

- Advised clients on the needs of their HVAC systems and performed any necessary service and maintenance.

- Referred clients to sales specialists if the age or wear to their systems were great enough to warrant replacement.
- Performed troubleshooting methods on systems of varying makes, models and ages to ensure they were working at maximum capacity.
- Went above and beyond to serve the customer regardless of the severity of the problem or the time required.

## EDUCATION

**Web Development** - *App Academy* | July 2021- February 2022

**Universal Refrigerant Certification and HVAC Service Certification** - *Total Tech* | 2019