

# Personal Portfolio

Kien Nguyen

[LinkedIn](#)

# About Me

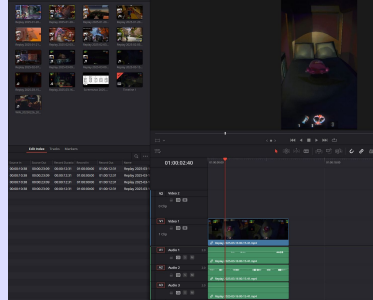


## Major/School

- UTK
- Computer Science

## Interests

- Software Development
- Game Design
- Web Development

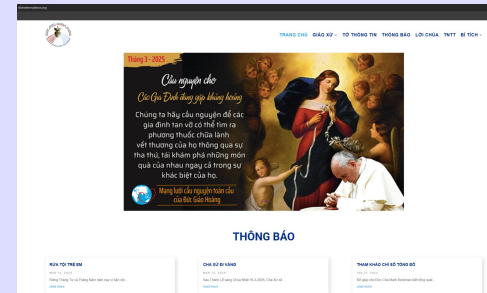


## Hobbies

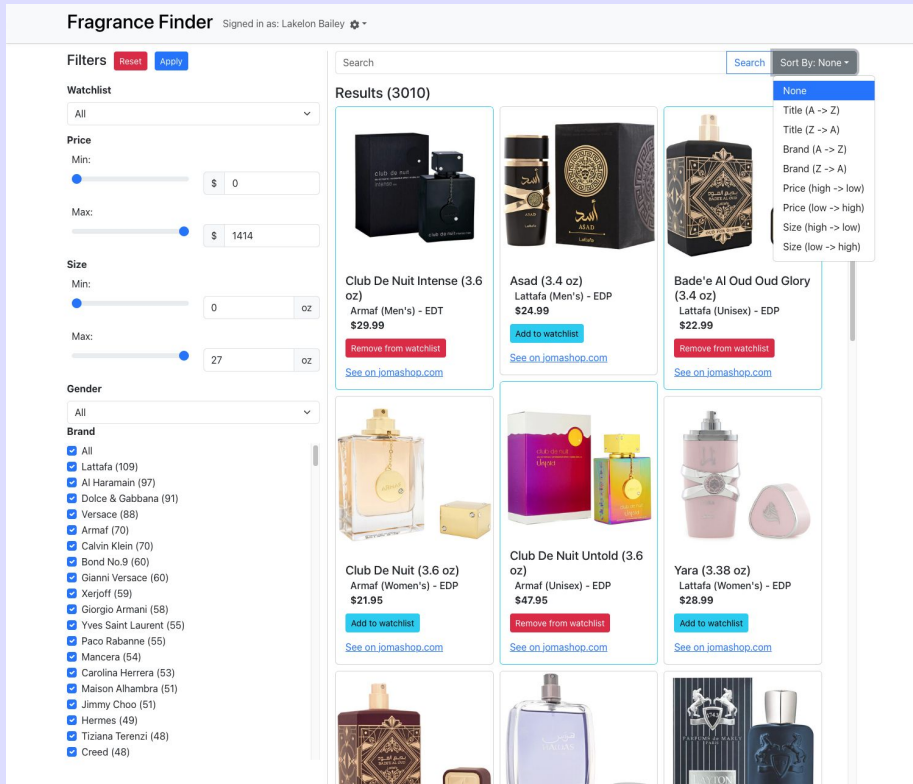
- Video Games
- Guitar
- Video Editing
- Gym

## Current Work Experience

- Vietnamese Eucharistic Youth Movement
- Divine Mercy Church Web Dev



# Previous Project



## Goals

- Find good fragrance deals
- Website similar to Amazon
- Web Scrape

## Tools

- React (UI and interface)
- MySQL (database)
- Express.js (API calls)
- Playwright (web scraping)

<https://github.com/utk-cs340-fall23/FragranceFinder>

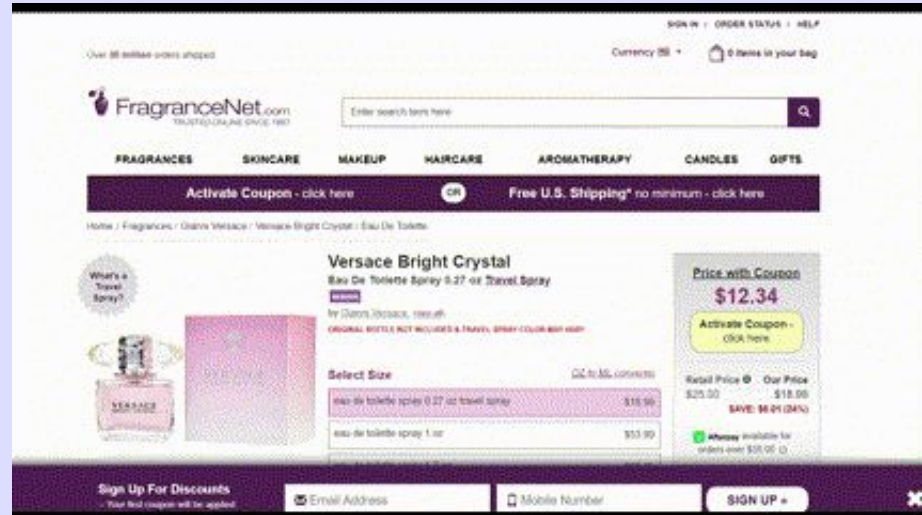
# Problems and Solutions

## Issues

- Bot detection on many websites
- New to web scraping and coding tools

## Solutions

- Playwright and chromium to simulate human interaction
- Split into web scrape, backend, frontend groups



<https://github.com/utk-cs340-fall23/FragranceFinder>

# Senior Design Project



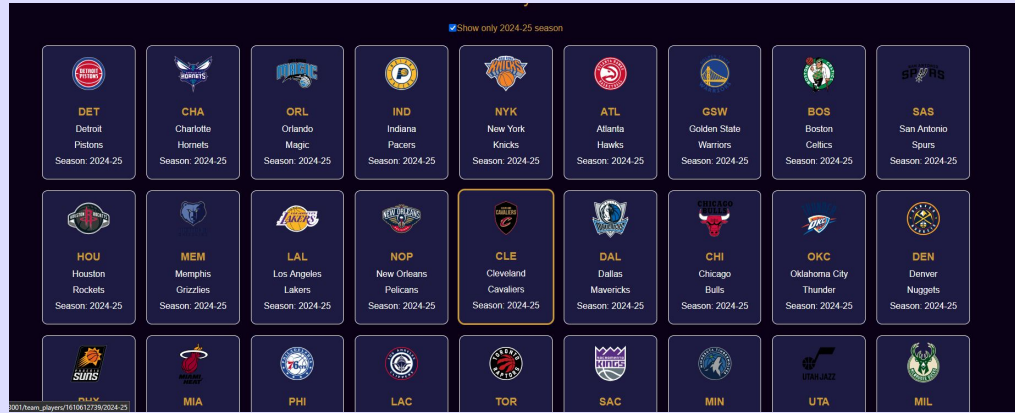
## Goals

- Display current NBA games and predictions
- Interactive stats page and home page showing the score and predictions

## Tools

- Next.js (frontend/backend)
- PostgreSQL (database)
- Machine learning (Python, SciKit-learn, Pytorch, and TensorFlow)
- Azure (server management)

# Stats Page



- With our PostgreSQL database, created season stats for every player along with user interactions
- Added player interactivity with player cards and point values
- Created caching to reduce load times

< Back to Players

Ausar Thompson - Games for 2024-25

Compare: PTS Value: 9

Recent Games

Date	PTS	MIN	FGM	FGA	FG%	FG3M	FG3A	FG3%	FTM	FTA	FT%	OREB	DREB	REB	AST	STL	BLK	TO	PF	PTS	+/-
2025-03-17	9	18:14	3	4	0.75	0	1	0	3	4	0.75	1	3	4	3	1	2	1	1	9	4
2025-03-15	8	20:40	3	7	0.429	1	1	1	1	2	0.5	3	1	4	1	1	0	3	3	8	-16
2025-03-13	10	18:48	4	6	0.667	1	1	1	1	2	0.5	1	3	4	1	0	1	2	3	10	-5
2025-03-11	8	20:08	3	8	0.375	0	1	0	2	2	1	4	1	5	1	0	2	1	4	8	22
2025-03-09	8	20:41	2	5	0.4	0	0	0	1	4	0.25	2	4	6	2	2	0	1	5	5	14
2025-03-08	6	17:38	2	6	0.333	0	0	0	2	2	1	5	0	5	0	1	1	4	5	6	-1
2025-03-05	10	30:56	5	13	0.385	0	1	0	0	0	0	4	2	6	1	1	1	1	2	10	-10
2025-03-03	17	30:14	7	7	1	0	0	0	3	3	1	2	4	6	5	3	1	0	1	17	20
2025-03-01	13	22:35	6	9	0.667	0	0	0	1	2	0.5	1	4	5	3	0	1	1	3	13	20
2025-02-28	13	25:57	6	11	0.545	0	0	0	1	2	0.5	3	1	4	5	5	0	1	0	13	-30

< 1 2 3 4 5 6 >

