



R: 235

G: 242

B: 250

HEX: #EBF2FA



R: 67

G: 67

B: 67

HEX: #434343



R: 66

G: 122

B: 161

HEX: #427AA1



R: 39

G: 76

B: 119

HEX: #274C77



R: 163

G: 206

B: 241

HEX: #A3CEF1

# LORENZO RAMIREZ

## Web Developer.

Highly dedicated to mastering web development and building interesting consumer-focused applications. Currently pursuing Full-Stack Development.



## EXPERIENCE

10/23 - Current

### Web Developer

Personal Development

#### Learning & Practicing

Developing multiple web projects that I use on the daily with one deployed so far.

#### Full Stack Development Journey

Gaining skills to further my journey into becoming a full-stack developer.



01/20 - 10/23

### IT Analyst Co-op

Arden Companies

#### Responsibilities

Developing automation services, application development, technical support, team/cross-department collaboration, independent work, and supervised code reviews.



10/19 - 03/24

### Bachelors in Computer Science

Kettering University · Artificial Intelligence Concentration

#### Machine Learning Agent-Based Modeling Thesis

Agents learn to navigate a virtual maze to reach targets through Reinforcement Learning.

#### Accomplishments

- Dean's List - Fall 2023
- Winter 2024 Graduate



## SKILLS

Front End



Frameworks



Web Development



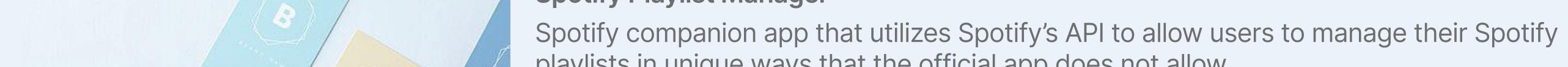
Backend



Tools

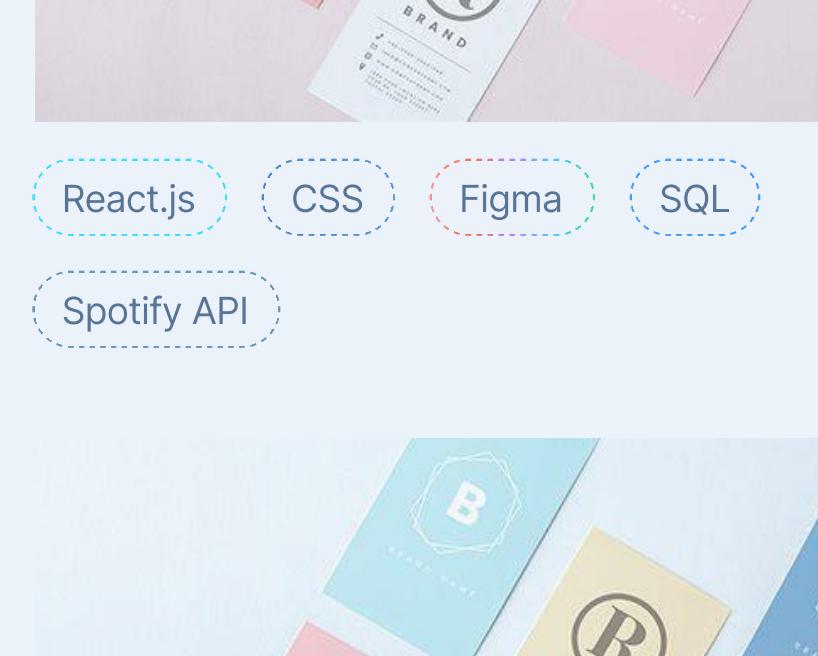


Soft Skills



## PROJECTS

Web Applications



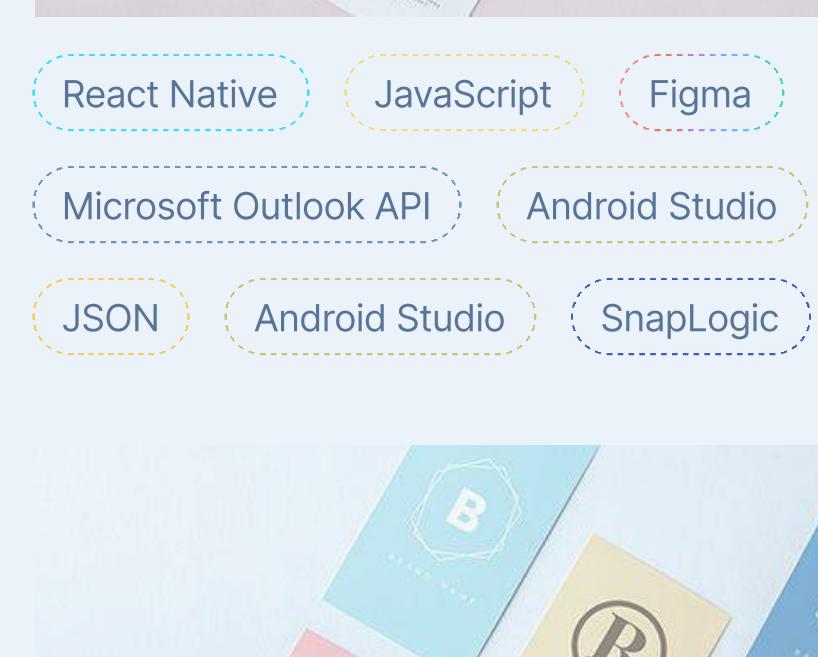
### Restrict the Tube

Aids users in curbing YouTube addiction by limiting daily usage and restricting addictive features on the site.

#### Features

- Limit number of recommended videos
- Schedule day and time restriction
- Track daily and total watch times
- Remove buttons and other YouTube elements
- Block YouTube web pages

[Learn More](#)



### Spotify Playlist Manager

Spotify companion app that utilizes Spotify's API to allow users to manage their Spotify playlists in unique ways that the official app does not allow.

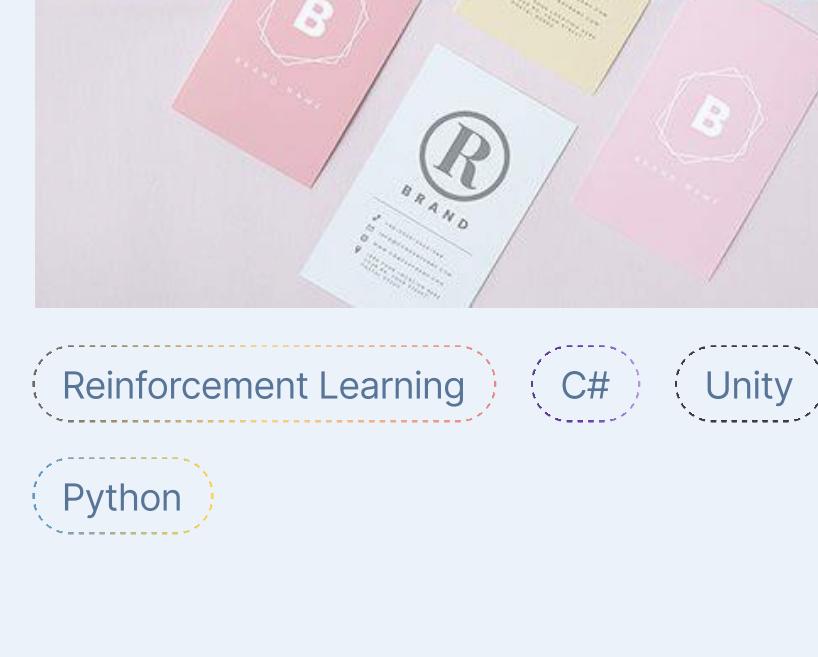
#### Features

- Gain access to user's Spotify library
- Automate playlist creation on specified intervals
- Create, delete, and modify playlists
- Sort playlists in unique ways
- Track Swiper

[Learn More](#)



Mobile Application



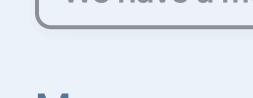
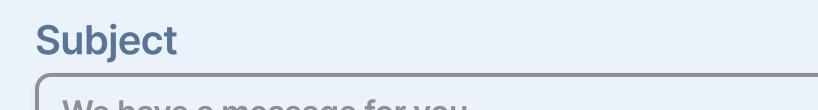
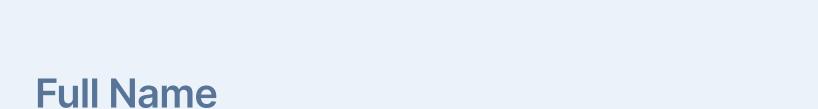
### RFID Product Validator

Records product tags through RFID scans within a React Native Android mobile app. My first mobile application developed mostly independently while employed at Arden.

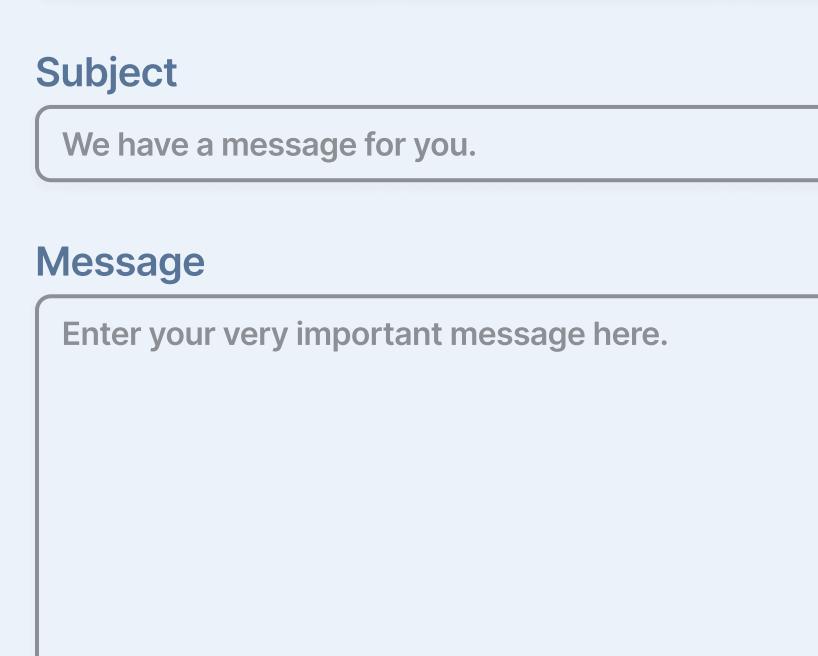
#### Features

- Record meta data (UPC, etc) from product tags
- Keeps history of all scans
- Upload part descriptions

[Learn More](#)



Artificial Intelligence Simulation



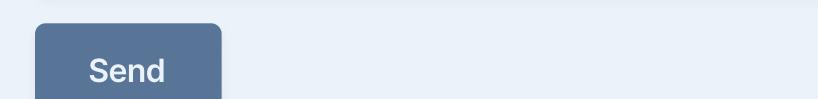
### Machine Learning Agent Navigation Thesis

Agent-based model that learns how to navigate through a maze to reach the target object within Unity virtual environment.

#### Features

- Unity machine learning agents library integration
- Deep reinforcement learning algorithms
- Custom reward system

[Learn More](#)



## CONTACT ME

### Full Name

John Smith

### Email

johnsmith@email.com

### Subject

We have a message for you.

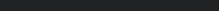
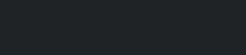
### Message

Enter your very important message here.

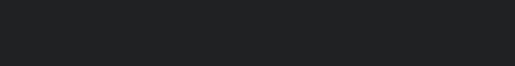
[Send](#)

## RESUME

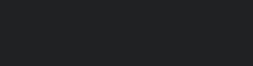
### Lorenzo Ramirez



### Project Links



### Documents



# LORENZO RAMIREZ

Web Developer.

Highly dedicated to mastering web development and building interesting consumer-focused applications. Currently pursuing Full-Stack Development.



## EXPERIENCE

10/23 - Current

### Web Developer

Personal Development

#### Learning & Practicing

Developing multiple web projects that I use on the daily with one deployed so far.

#### Full Stack Development Journey

Gaining skills to further my journey into becoming a full-stack developer.



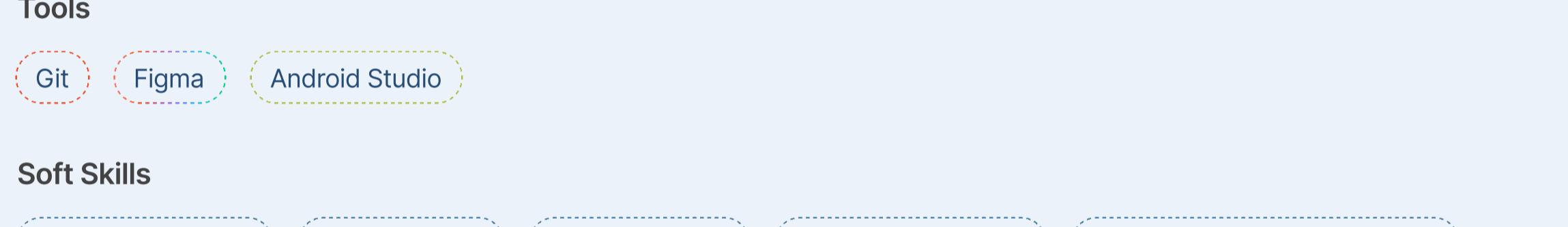
01/20 - 10/23

### IT Analyst Co-op

Arden Companies

#### Responsibilities

Developing automation services, application development, technical support, team/cross-department collaboration, independent work, and supervised code reviews.



10/19 - 03/24

### Bachelors in Computer Science

Kettering University · Artificial Intelligence Concentration

#### Machine Learning Agent-Based Modeling Thesis

Agents learn to navigate a virtual maze to reach targets through Reinforcement Learning.

#### Accomplishments

- Dean's List - Fall 2023
- Winter 2024 Graduate



## SKILLS

### Front End



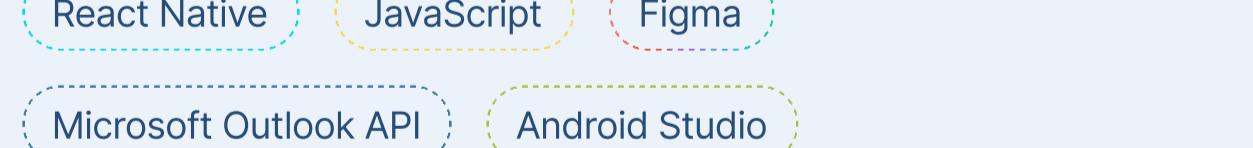
### Frameworks



### Web Development



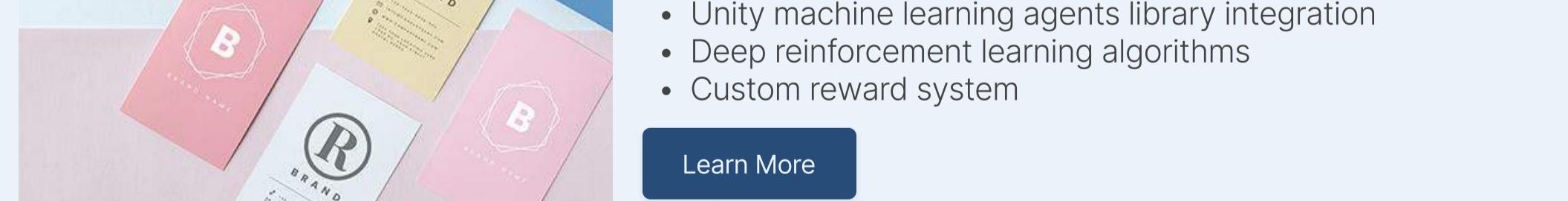
### Backend



### Tools

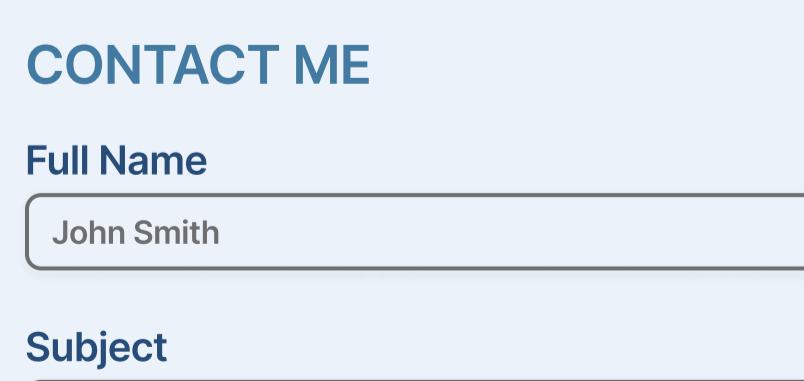


### Soft Skills



## PROJECTS

### Web Applications



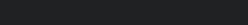
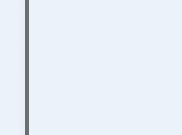
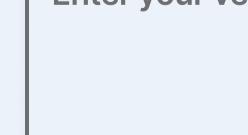
#### Restrict the Tube

Aids users in curbing YouTube addiction by limiting daily usage and restricting addictive features on the site.

#### Features

- Limit number of recommended videos
- Schedule day and time restriction
- Track daily and total watch times
- Remove buttons and other YouTube elements
- Block YouTube web pages

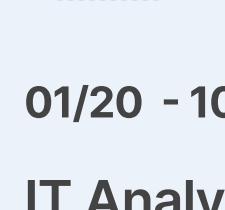
[Learn More](#)



# LORENZO RAMIREZ

## Web Developer.

Highly dedicated to mastering web development and building interesting consumer-focused applications. Currently pursuing Full-Stack Development.



## EXPERIENCE

**10/23 - Current**

### Web Developer

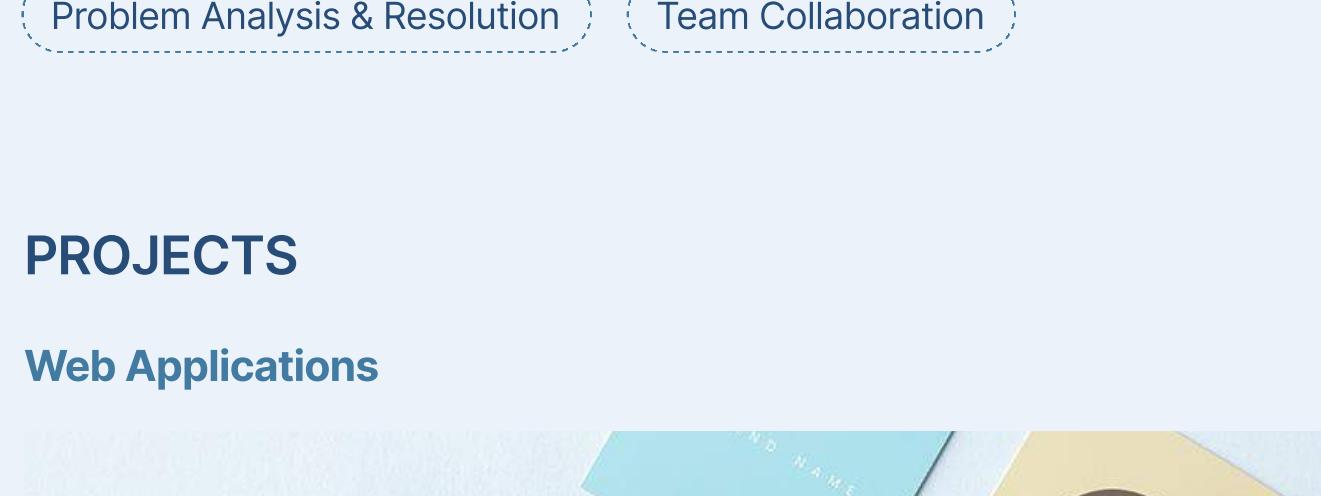
Personal Development

#### Learning & Practicing

Developing multiple web projects that I use on the daily with one deployed so far.

#### Full Stack Development Journey

Gaining skills to further my journey into becoming a full-stack developer.



**01/20 - 10/23**

### IT Analyst Co-op

Arden Companies

#### Responsibilities

Developing automation services, application development, technical support, team/cross-department collaboration, independent work, and supervised code reviews.



**10/19 - 03/24**

### Bachelors in Computer Science

Kettering University · Artificial Intelligence Concentration

#### Machine Learning Agent-Based Modeling Thesis

Agents learn to navigate a virtual maze to reach targets through Reinforcement Learning.

#### Accomplishments

- Dean's List - Fall 2023
- Winter 2024 Graduate



## SKILLS

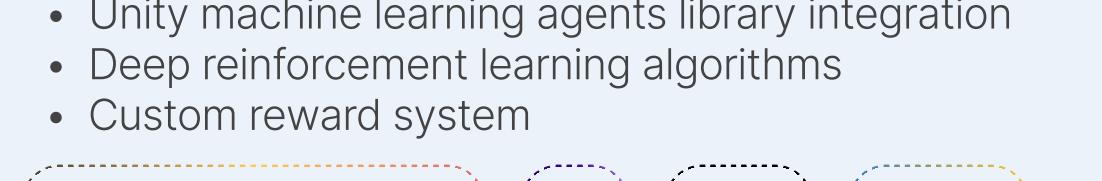
### Front End



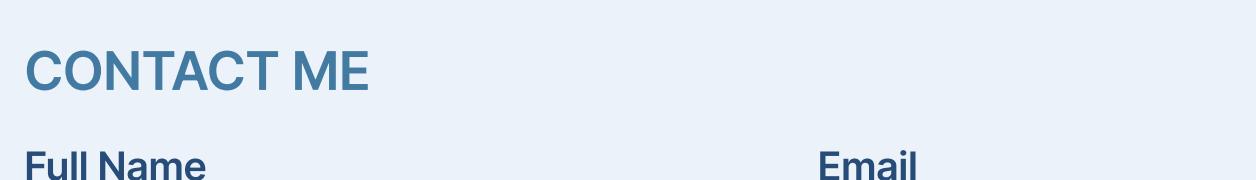
### Frameworks



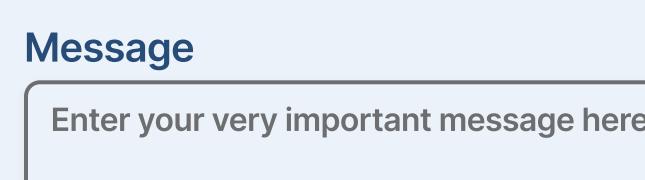
### Web Development



### Backend



### Tools



### Soft Skills



## PROJECTS

### Web Applications



#### Restrict the Tube

Aids users in curbing YouTube addiction by limiting daily usage and restricting addictive features on the site.

#### Features

- Limit number of recommended videos
- Schedule day and time restriction
- Track daily and total watch times
- Remove buttons and other YouTube elements
- Block YouTube web pages



[Learn More](#)

### Mobile Application



#### Spotify Playlist Manager

Spotify companion app that utilizes Spotify's API to allow users to manage their Spotify playlists in unique ways that the official app does not allow.

#### Features

- Gain access to user's Spotify library
- Automate playlist creation on specified intervals
- Create, delete, and modify playlists
- Sort playlists in unique ways
- Track Swiper



[Learn More](#)

### RFID Product Validator

Records product tags through RFID scans within a React Native Android mobile app. My first mobile application developed mostly independently while employed at Arden.

#### Features

- Record meta data (UPC, etc) from product tags
- Keeps history of all scans
- Upload part descriptions



[Learn More](#)

### Artificial Intelligence Simulation



#### Machine Learning Agent Navigation Thesis

Agent-based model that learns how to navigate through a maze to reach the target object within Unity virtual environment.

#### Features

- Unity machine learning agents library integration
- Deep reinforcement learning algorithms
- Custom reward system



[Learn More](#)

## CONTACT ME

### Full Name

### Email

### Subject

### Message

[Send](#)

### Lorenzo Ramirez



### Project Links



### Documents

