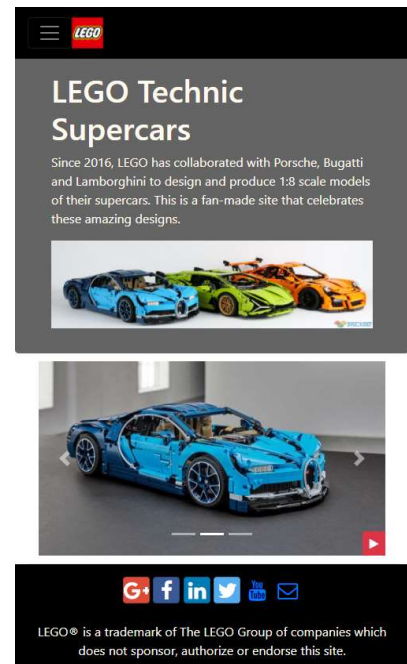
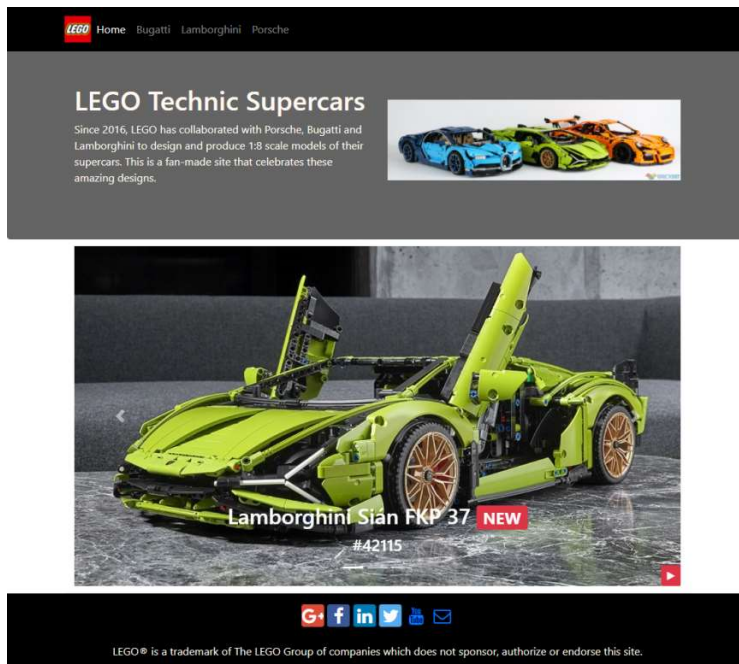



## LEGO Technic Supercars

- I am a big fan of LEGO Technic and cars, and decided to design this website for the Capstone project to feature LEGO's amazing supercar designs
- Source code: <https://github.com/leeping-ng/lego-supercars>
- Framework used: Bootstrap 4
- This webpage has 4 html pages:
  - index.html
  - bugatti.html
  - lamborghini.html
  - porsche.html
- Responsive design principles are used in all html pages, as seen from the desktop (left) and mobile (right) views in the following pages
- Enhancements added in addition to course materials:
  - Carousel with start/pause button for index.html
  - Font awesome icons for social media at footer
  - Block quotes above footers for 3 html pages, with famous quotes from car designers
  - Breadcrumb navigation for 3 html pages
  - Card showing 'quick facts' for 3 html pages
- All 4 html pages have been validated with no errors (screenshots at the end)


### index.html



[Home](#) [Bugatti](#) [Lamborghini](#) [Porsche](#)

## LEGO Technic Supercars

Since 2016, LEGO has collaborated with Porsche, Bugatti and Lamborghini to design and produce 1:8 scale models of their supercars. This is a fan-made site that celebrates these amazing designs.



[Home](#) / [Bugatti](#)




### Bugatti Chiron/ LEGO Technic #42083

The Bugatti Chiron is a mid-engine two-seater sports car designed and developed in Germany by Bugatti Engineering GmbH. The successor to the Bugatti Veyron, the Chiron was first shown at the Geneva Motor Show on 1 March 2016.

This was released as a LEGO set #42083 in 2018, featuring a working 8-speed paddle shift transmission, W16 engine with moving pistons, front and rear suspension, and 4-wheel drive.







Quick Facts

Production	2016 - present
Layout	Mid-engine, all-wheel drive
Engine	8.0L quad-turbocharged W16
Power Output	1,479 hp
Transmission	7-speed dual clutch automatic




"I build my cars to go, not to stop."

— Ettore Bugatti




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Home / Lamborghini




### Lamborghini Sián FKP 37/ LEGO Technic #42115

The Lamborghini Sián FKP 37 is a mid-engine hybrid sports car produced by the Italian automotive manufacturer Lamborghini. Unveiled online on 3 September 2019, the Sián is the first hybrid production vehicle produced by the brand.

This was released as a LEGO set #42115 in 2020, featuring a working 8-speed paddle shift transmission, V12 engine with moving pistons, front and rear suspension, and 4-wheel drive.

#### Quick Facts

Production	2020 - present (63 units)
Layout	Mid-engine, all-wheel drive
Engine	6.5L V12 engine + 48V electric motor
Power Output	807 hp
Transmission	7-speed automated manual



"Lamborghini, you may be able to drive a tractor but you will never be able to handle a Ferrari properly.' This was the point when I finally decided to make a perfect car."

— Ferruccio Lamborghini

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Home / Lamborghini




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 Home Bugatti Lamborghini Porsche

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[Home](#) / [Porsche](#)

### Porsche 911 GT3 RS/ LEGO Technic #42056

The Porsche 911 GT3 is a high-performance homologation model of the Porsche 911 sports car. It is a line of high-performance models, which began with the 1973 911 Carrera RS. Porsche launched the RS version of the 911 GT3 at the Geneva Motor Show in 2015.

This was released as a LEGO set #42083 in 2018, featuring a working 4-speed paddle shift transmission, flat 6 engine with moving pistons, front and rear suspension, and rear wheel drive.

#### Quick Facts

<b>Production</b>	2016 - 2019
<b>Layout</b>	Rear-engine, rear-wheel drive
<b>Engine</b>	4.0L flat-6
<b>Power Output</b>	490 hp
<b>Transmission</b>	7-speed dual clutch



"In the beginning I looked around and, not finding the automobile of my dreams, decided to build it myself."  
— Ferdinand Porsche



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 Home Bugatti Lamborghini Porsche

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[Home](#) / [Porsche](#)

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### Validated index.html with no errors

→ ↻ validator.w3.org/nu/#file

## Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change.

**Showing results for uploaded file index.html**

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...](#)

Check by file upload ▾ [Choose File](#) No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check](#)

**Document checking completed. No errors or warnings to show.**

Used the HTML parser.  
Total execution time 67 milliseconds.

### Validated bugatti.html with no errors

→ ↻ validator.w3.org/nu/#file

## Nu Html Checker

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**Showing results for bugatti.html**

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...](#)

Check by file upload ▾ [Choose File](#) No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check](#)

**Document checking completed. No errors or warnings to show.**

Used the HTML parser.  
Total execution time 22 milliseconds.

## Validated lamborghini.html with no errors

→ ↻ validator.w3.org/nu/#file

### Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

**Showing results for lamborghini.html**

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...](#)

Check by [file upload](#) [Choose File](#) No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check](#)

**Document checking completed. No errors or warnings to show.**

Used the HTML parser.

Total execution time 33 milliseconds.

## Validated porsche.html with no errors

→ ↻ validator.w3.org/nu/#file

### Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

**Showing results for porsche.html**

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...](#)

Check by [file upload](#) [Choose File](#) No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check](#)

**Document checking completed. No errors or warnings to show.**

Used the HTML parser.

Total execution time 12 milliseconds.