

julian
marmier



Portfolio
Portfolio
Portfolio

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For more details about each project, visit [⌚ julianmarmier.com](https://julianmarmier.com).

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MARKET 2DAY

**COMPANY
INFO**

Market 2day
market2dayapp.com

Among the many projects I've helped this startup with, the biggest one so far is to redesign their application to make it more accessible for customers of all technological backgrounds.

View the latest revision here: <https://www.figma.com/proto/dEzRAIo81oVQucqMJHzYQ0/App-Redesign-for-Market-2day?scaling=scale-down&node-id=247%3A410>

Improved Onboarding

Vendor

Sign Up/Create a Vendor Account

What markets do you work at?

Please choose at least one market where you sell your products.

Markets Nearby **Search**

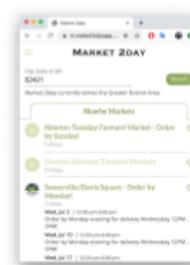
Marshfield Farmers' Market

(regular list of markets nearby, same as search page)

Next

The "Markets Nearby" Tab should only appear if GPS is available

+ when not selected



(vendor product page interface)

Let's get you started

Upload a profile picture and set a description for your page!

Choose Profile Picture...

Name: Reality Crunch Farms

Your Story: We are from Lexington, MA.

Next

Do this later if the user has not entered anything

Add some products

What products do you sell? Add them here. Don't worry, you can change these later if you forgot a few!

Eggs	\$8.00 / dozen
Pepper Soap	\$5.00 / cup
Shepard's Pie	\$10.00 / piece

+ Add Product

(Existing new-product page)

Next

Do this later if the user has not entered anything

Almost there! Set up a payment method

Connect a bank account via Stripe to receive payments from customers.

Click here to connect now

You will be sent to an external website.

Next

Do this later if the user has not done anything

SECTION ONE — Market 2day

Work for a startup

Portfolio

Julian Marmier

The wireframe illustrates the user flow across four main screens of the Market 2day app:

- Search Screen:** Shows a search bar with placeholder "Search all products...", a ZIP code input field (02112), and a "Search this ZIP" button.
- Product Listing Screen:** Displays results for "cranberry" across categories: Produce, Dairy, Beverages, and Beers. It includes a search bar, a keyboard overlay, and a back button.
- Category Screen:** Shows the "Bakery" category with sub-categories: Bread, Cookies, Cakes, Pastries, Gluten Free, and Sourdough. It lists items like "7 grain pullman" and "Chocolate chip donuts".
- Vendor Listing Screen:** Shows the "Boston Virtual Market" with details like address (1340 Massachusetts Ave, Arlington, MA 02476), operating hours (Open Closes Jun 3, 12:00AM), and a "Search all vendors..." bar.

Blue arrows indicate the flow from the search screen through the product and category screens to the vendor screen, representing a typical user journey.

COMPANY
INFOStartup Leadership
⌚ startupleadership.com

Design Consulting

As a part of their rebranding efforts, Boston-based startup incubator Startup Leadership Program was looking to unify their worldwide chapters' website design. As a design consultant, I proposed a standard branding guide for the company as well as a new standardized website chapter design.

Brand Consistency

Make sure that the fonts and colors used are consistent with those used on the SLP Global Website.

TYPOGRAPHY	COLORS		
Proxima Nova <i>Paid font—use this only if allowed. If on a budget use Montserrat (free) instead.</i>	Orange #F4864e	Blue #486cb1	Black #1c1c1c
	Dark Gray #6b7d86	Light Gray #879eab	Light Blue #5dc6cf

Tips.

- Make sure your website is **mobile-friendly**.
- Don't add too many pages and links in your navbar. It will seem crowded. 7 is the absolute max.
- Include a reasonable mix of text and images/icons/diagrams. There should be at least 55% images in terms of size. Paragraphs should be short and concise.
💡 *Add some statistics!* People like statistics and charts.
- Use the brand colors effectively. There are 6 to choose from. See below for some recommendations on how to use each color (from SLP Global page).

RECOMMENDED COLOR USE CASES	
Orange	Actions —buttons, links, etc. Example: Apply button .
Blue	Backgrounds for emphasis of content, e.g. the blog section of the SLP Global Site's main page .
Black	Text, especially important information that will stand out
Dark Gray	Backgrounds for contrast. See SLP Global Site's main page . Could also be used for a footer, or icons.
Light Gray	Backgrounds for contrast, or icons. Very similar to dark gray.
Light Blue	Not used as commonly. Could be used for emphasis as well, similar to orange. For example for text on a blue background .

However, please do note that for regular content it is a good idea to use a **white** or **light gray** background with **black** text so as not to create too much eyesore for the viewer.

▲ Website branding guidelines

A Startup Leadership Chapter

English • Français • русский • 日本語

Startup Leadership

Home Curriculum Fellows Apply

STARTUP LEADERSHIP BOSTON

A no-equity accelerator for novice entrepreneurs

Apply Now Learn More

What is the Startup Leadership Program?

Global community
 The Moscow chapter of SLP is part of a global network of 19 cities in 10 countries with over 3,500 members worldwide from San Francisco to Moscow.
[Learn more about SLP's global website.](#)

Peer-to-peer training
 There is no vertical teacher / student relationship in SLP. Instead, SLP members learn from each other. Each of them undertakes to lead the preparation of one or more classes on a given topic.

Focus on personalities of founders and CEOs
 The main thing that plays a role in SLP selection is personality caliber. Serial experience, innovation and full of "bumps" are no less important than the desire to learn new things all your life and actively share your experience.

Non-profit program
 We do not claim a stake in the company and do not earn from selling content. The SLP participation fee is used to cover organizational costs, catering and parties.

3,500
 SLP Fellows

1,900
 Startups

700M+
 dollars raised

A vibrant international community

SLP Global

FELLOWS

CURRICULUM

Join a large community of people

Meet the fellows →

Participate in a program built to help you thrive

Discover the curriculum →

Applications for the 2020 intake are now open

Apply Now

Information

home

Training

VC & Finance

Product & Marketing

Community

Sales & Growth

Graduates

HR & Legal

Reviews

Startup Leadership

Official site SLP Global
[startupleadership.com](#)

Boston Chapter

1 Rutgers Rd,
 Boston MA 02113, USA

Contact Us

▲ The proposed standardized website template. It has since been loosely implemented on the new chapter websites.

Web Design & Development

In this section I've added some of the more recent notable projects I've worked on.

Other (less recent) projects not shown include [⌚ julianmarmier.com](#), [⌚ foda.julianmarmier.com](#), [⌚ math.julianmarmier.com](#), and [⌚ lhphtoclub.org](#).

Subsections

^A Masks for Hunger	8
^B Organize	9
^C Memorize	11



Masks For Hunger

Masks for Hunger

⌚ masksforhunger.marmier.co (archived)

During quarantine, I made this website for a friend's organization, complete with a CMS backend using NetlifyCMS, GatsbyJS, and React.

 **Masks For Hunger**
Boston

- [About](#)
- [Getting a Mask](#)
- [Catalog](#)
- [Contact](#)
- [Donate](#)



Lyla Chereau
Grade 12 • Boston, MA

In recent years I have participated in the Walk For Hunger with Project Bread, an organization that works towards ensuring that families and children have food for the weekend, and are helping to combat the global hunger crisis in our local communities.

Due to COVID-19, The Walk for Hunger on May 3, 2020 was cancelled but the fundraising must continue; with the being focus primarily on rapid response to food insecurity being caused by the COVID-19 crisis.

However, the driving force of this organization is that **HUNGER NEVER STOPS!**

I decided to be a virtual walker partnering with my mother's efforts to help the community navigate through this new environment. I am encouraging you to donate to my fundraiser to help families that are not as fortunate as us in these times. With your generous donations we give you the opportunity to pick a mask from a selection of our beautifully homemade fabric masks.

[Check out my progress here!](#)

THE PROGRAM

Masks for Hunger is a student-led organization that helps people get the food they need during the COVID-19 crisis. [Learn More →](#)

 **Masks For Hunger**
San Diego

Catalog

 <p>Springtime Buds 1 mask left</p>	 <p>Speckled Night 4 masks left</p>	 <p>Afternoon Tea 5 masks left</p>
 <p>Beige Picnic 2 masks left</p>	 <p>Truffula Puffs 7 masks left</p>	 <p>Fall Foliage 2 masks left</p>

← Writing in Chapters collection
CHANGES SAVED

[Choose different image](#)

[Remove image](#)

The image used in the list of chapters on the Masks For Hunger main page. A good idea for this is an image of the city of your chapter. Pixabay might have some good ones.

HEADER TEXT

Help people get the food they need during the COVID-19 Crisis

The big message you see when you first load the page.

HEADER IMAGE



[Choose different image](#)

[Remove image](#)

 **Masks For Hunger**

Boston

Help people get the food they need during the COVID-19 Crisis



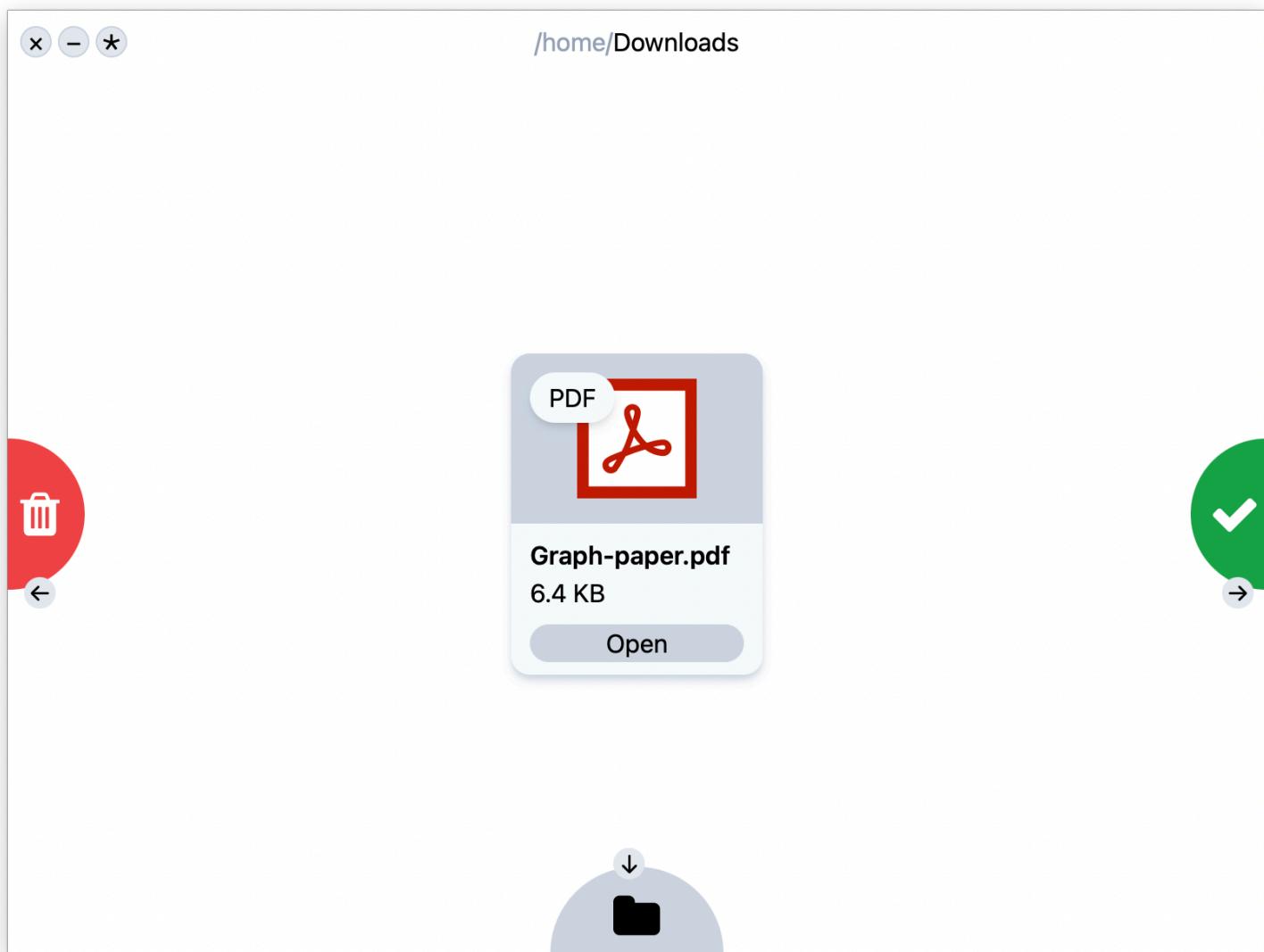


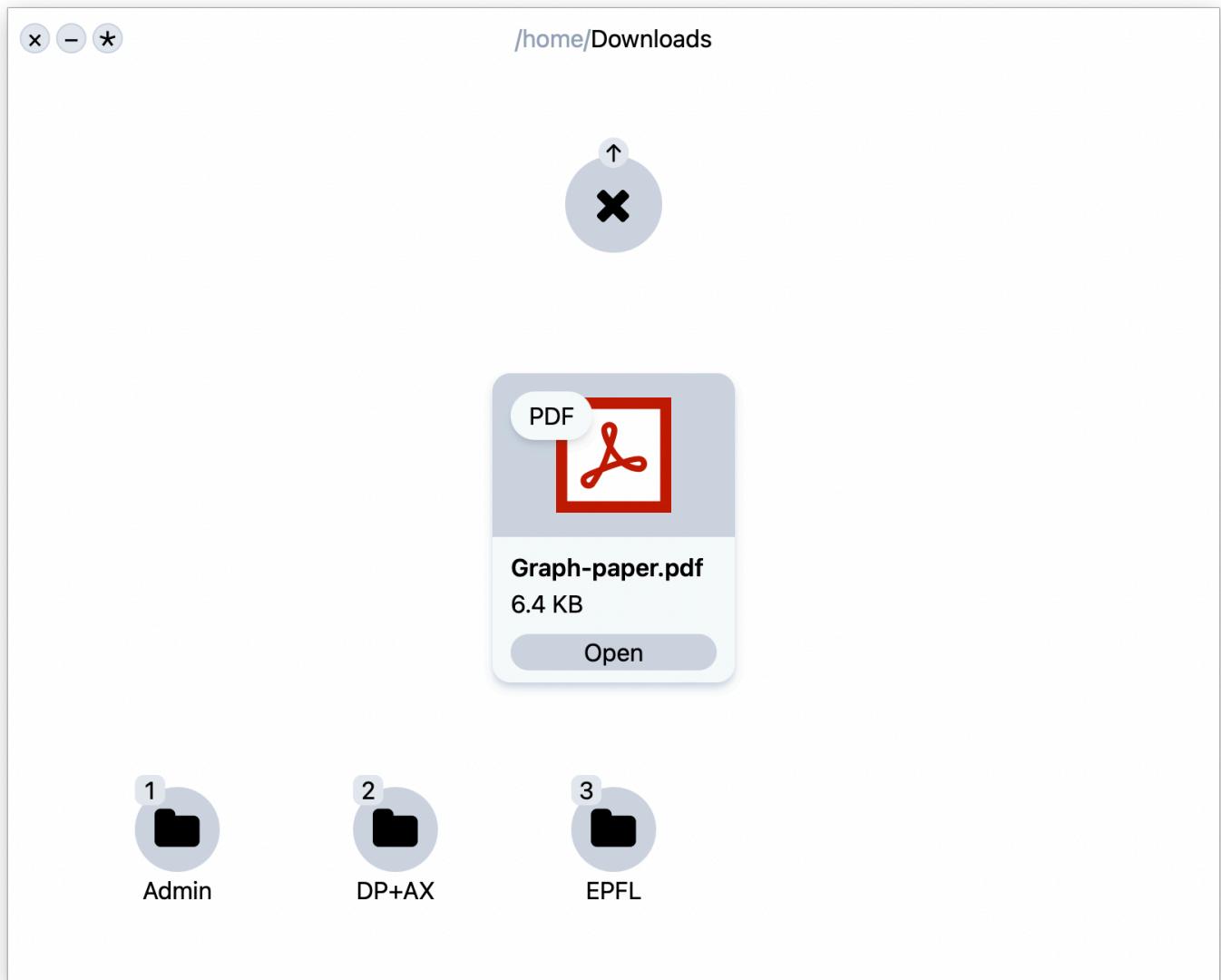
Organize

⌚ organize.julianmarmier.com

A file management application I made while learning to build desktop apps with Electron. A minimalistic interface allows for files to be quickly kept, removed or transferred to a different folder. **This project is in development** and still lacks many important features that I hope to add in the future.

I recently redesigned the app from scratch using Svelte and Tauri, which shortened the bundle size from a hundred to a mere few megabytes and will allow for much easier future development.





Memorize Survey

memorize.marmier.co

My brother needed help gathering data for a Biology project about short-term memory, so I decided to help him by creating small website. Build on Vite and Svelte with a Google Sheets database connector as the backend, the simple interface proved to be quite effective in collecting data and was easy to use for participants of all ages.

Memorize Survey Home About

Hi! Thanks for participating.

17

By proceeding to the next page through clicking the "Agree and Continue" button below, you hereby consent to having your data from the following experiment anonymously distributed in part of a scientific research project.

Agree and continue

Continue

2022 Lauric Marmier, with help from Julian Marmier

SECTION THREE — Web Design & Development

– C. Memorize

Portfolio

Julian Marmier

Memorize Survey Stage 1 of 5 About

17

2022 Lauric Marmier, with help from Julian Marmier

Memorize Survey Stage 1 of 5 About

Please select the items you saw, to the best of your recollection. Then click **Continue**.

dog

Dog
 Hotdog

Continue

2022 Lauric Marmier, with help from Julian Marmier



Lexington Legoheads

legoheads.weebly.com

My robotics team.

Part of the [FIRST Tech Challenge](#) and qualified for the FIRST World Championships in Detroit via the Vermont Inspire Award.

Subsections

^A Engineering Notebook	14
^B CAD Render	18

SECTION TWO**Engineering Section**Z
END OF
BINDER**Engineering Daily Journal**

SEE LAST CHAPTER

C

Strategy, Scouting, Statistics & Science

- | | | |
|-----|-----------------------------|------|
| 14. | Game Strategy and Planning | 13.1 |
| 15. | Scouting & Statistics | 14.1 |
| 16. | Material Science (Friction) | 15.1 |

D

Robot Design Evolution, Innovation & CAD

- | | | |
|-----|--|------|
| 17. | Design Principles | 16.1 |
| 18. | Evolution of Our Design | 17.1 |
| 19. | Drawings & Animations of the Robot Modules | 18.1 |
| 20. | PTC Creo CAD | 19.1 |

E

Robot Engineering Hardware, Electronics & Mfg

- | | | |
|-----|------------------------------|------|
| 21. | Hardware Modules | 23.1 |
| 22. | Engineering Innovations | 24.1 |
| 23. | Electronics, Wires & Sensors | 25.1 |
| 24. | Manufacturing | 23.1 |

F

Robot Software Computer Vision & Navigation

- | | | |
|-----|--------------------------------------|------|
| 25. | Code Development Process | 24.1 |
| 26. | Software Modules | 25.1 |
| 27. | Autonomous Software Programs | 26.1 |
| 28. | Teleop Software Programs | 27.1 |
| 29. | <i>Control:</i> Sensors & Algorithms | 28.1 |
| 30. | Odometry & IMU | 29.1 |
| 31. | Computer Vision | 30.1 |

G

Testing & Quality

- | | | |
|-----|---|------|
| 32. | Failure Mode and Effects Analysis (FMEA) | 31.1 |
| 33. | <i>Hardware Testing:</i> Visual & Testbed Program | 32.1 |
| 34. | <i>Software Testing:</i> Verification & Maintenance | 33.1 |

Summary

11251
Founded 2010

Lexington  Legoheads

Suggested Pages

- PAGE 4.1** Meet our team members!
- PAGE 9.2** Learn about the modular exhibit we take on the road.
- PAGE 12.6** Read about a successful event with a sponsor,
- PAGE 13.2** Find out how we discover our alliance picks.
- PAGE 18.1** Discover our hardware and software innovations.
- PAGE 25.2** Take a peek at what and how we manufacture.
- PAGE 30.1** Sense the sensors and algorithms we implement.
- PAGE 35.1** Test the writing of our pre-match testbed program
- PAGE 41.1** See how we raise money through sponsorships
- PAGE Z.17.7** Step into the world of the Legoheads for a day.

END OF BINDER

Team 11251

We are the Lexington Legoheads, an independent robotics team from Lexington, Massachusetts. Made of eight seniors and one sophomore, our team is a very diverse group, passionate not just about competitive robotics, but excited to **share our knowledge** and **make a difference** as we move on into our fourth year of the *FIRST* Tech Challenge.

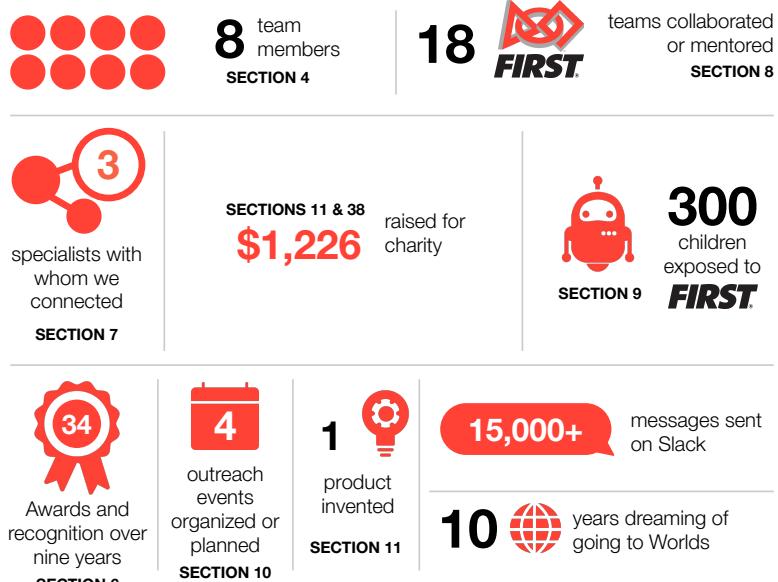
We started when we were as little as 7 years of age, and continue to chase a dream of one day going to the World Championships. Even if we never achieve that goal, we want to inspire others to learn what we did.

Our Backstory

“Never Quit”

The Legoheads were formed by **Rohan** in 2010 as a *FIRST* Lego League team when he saw the Pickle Jarheads, a local town team, demo their robot in the town library. He pulled in a small group of friends. After initial success, when things didn't go as planned in the second year, everyone **quit** except **Rohan**. He found similar passionate people who had experienced frustrations elsewhere but had **refused to quit**. **Andrew** joined in 2012, **Samedh** in 2013, & **Sameer** in 2016. We have stayed together through success and failure. **Amolak, Julian, and Joris** joined in 2018, and **Sydney** joined us this year. Each of us has something special to contribute without whom we would not be complete. We have gotten to know and trust each other really well.

Legoheads by the Numbers



A

Our Team

Lexington  **Legoheads**

Julian

Favorite Color
Gray



Favorite Movie
Amélie



Favorite TV Show
The Office



Favorite Book
Fantasy Life



Favorite Car
Tesla Model X



Birthday
December 17th



Favorite
Sportsperson
Kilian Jornet



Zodiac
Sagittarius



Favorite Activity
Going Downtown



Grade
Senior



Most Memorable Vacation
Trip to Laos



Favorite Phrase Coach Says
“What a Country”



Favorite Food
Swiss Rösti with Bacon



Least Favorite Food
Very Dry Chicken

What the team
depends on me for

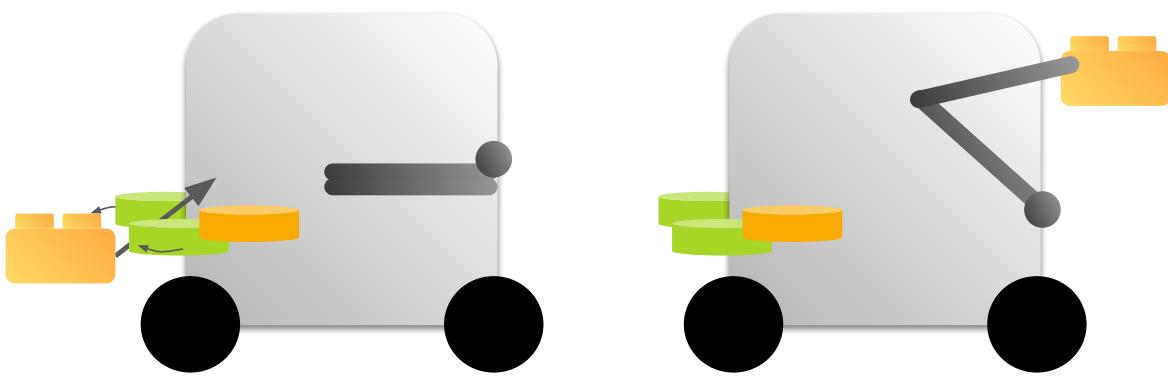
Logo and Brand Identity**Engineering Notebook****AR**

PAGE #

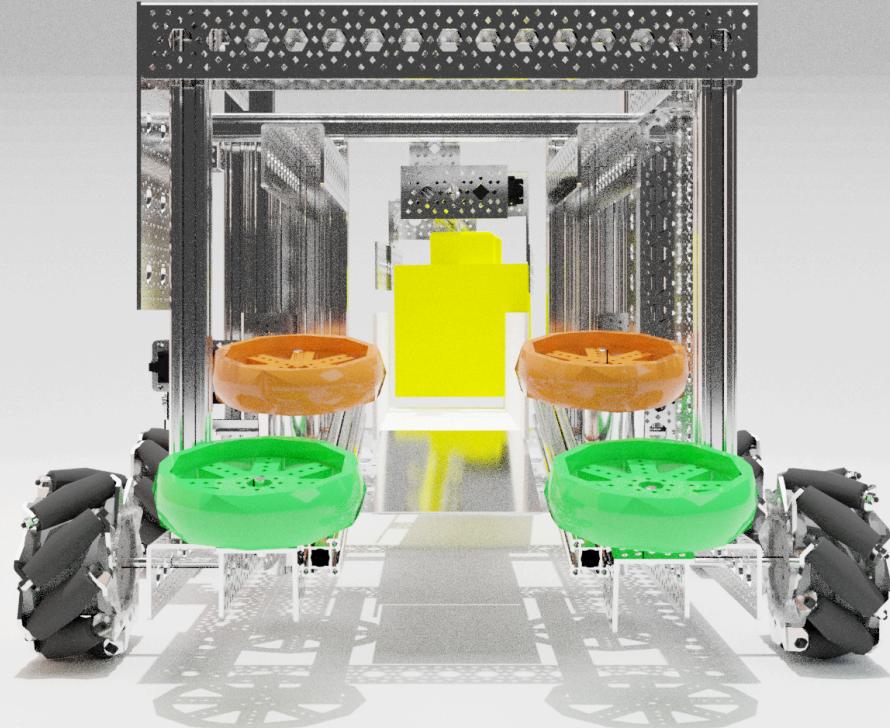
Lexington  **Legoheads****D**
Robot Design

2D Animation

To complement the evolution of our design, we created 2D animations of the robot chassis for each version using Adobe Animate. Below is part of the chassis we made using Animate, which shows the *Stone* being intake and then stacked with the cantilever.

**Intake****Cantilever**

PAGE #



▲ Render of our 2020 robot's fourth revision. Made using Blender.

For a short animation of this model, also made by me, see  <https://youtu.be/o44oXrlgEQM>.

STUDIO
INFO

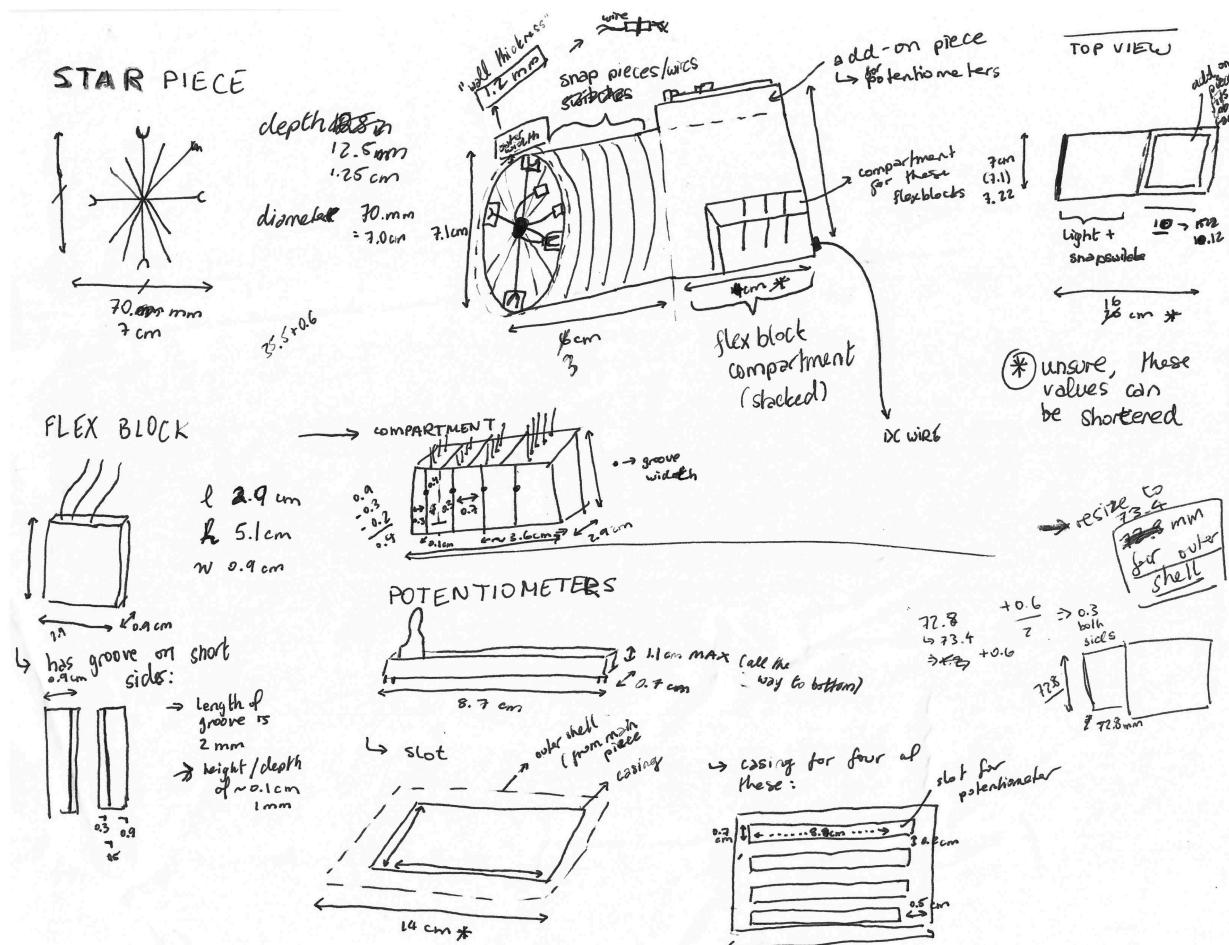
MIT Museum Studio & Compton Gallery

mitmuseum.mit.edu/mit-community/mit-museum-studio-and-compton-gallery

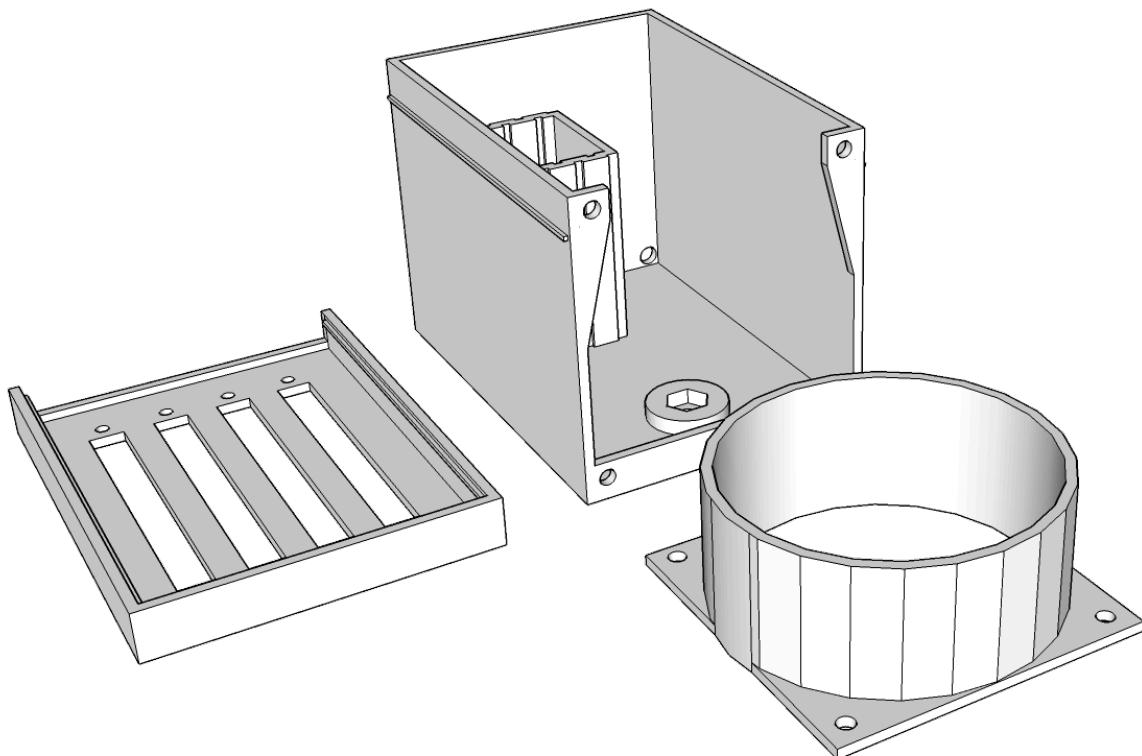
Internship

One of the projects I was tasked with was designing color-adjustable studio lights based off of a cardboard and foam model provided by the studio managers. The design eventually became two different final prototypes—initially we had planned to 3D print the frame, but that turned out to be too expensive, so instead we went for stacked precision-cut plexiglass plates, held together by threaded wire.

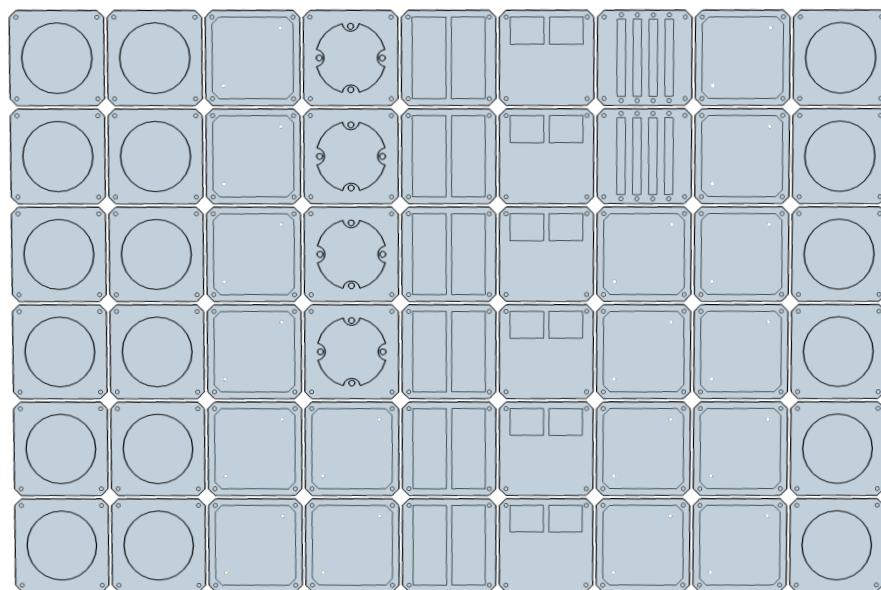
From this project I learned how to design and build something from start to finish, which inspired me to want to pursue a future in product design and design engineering.



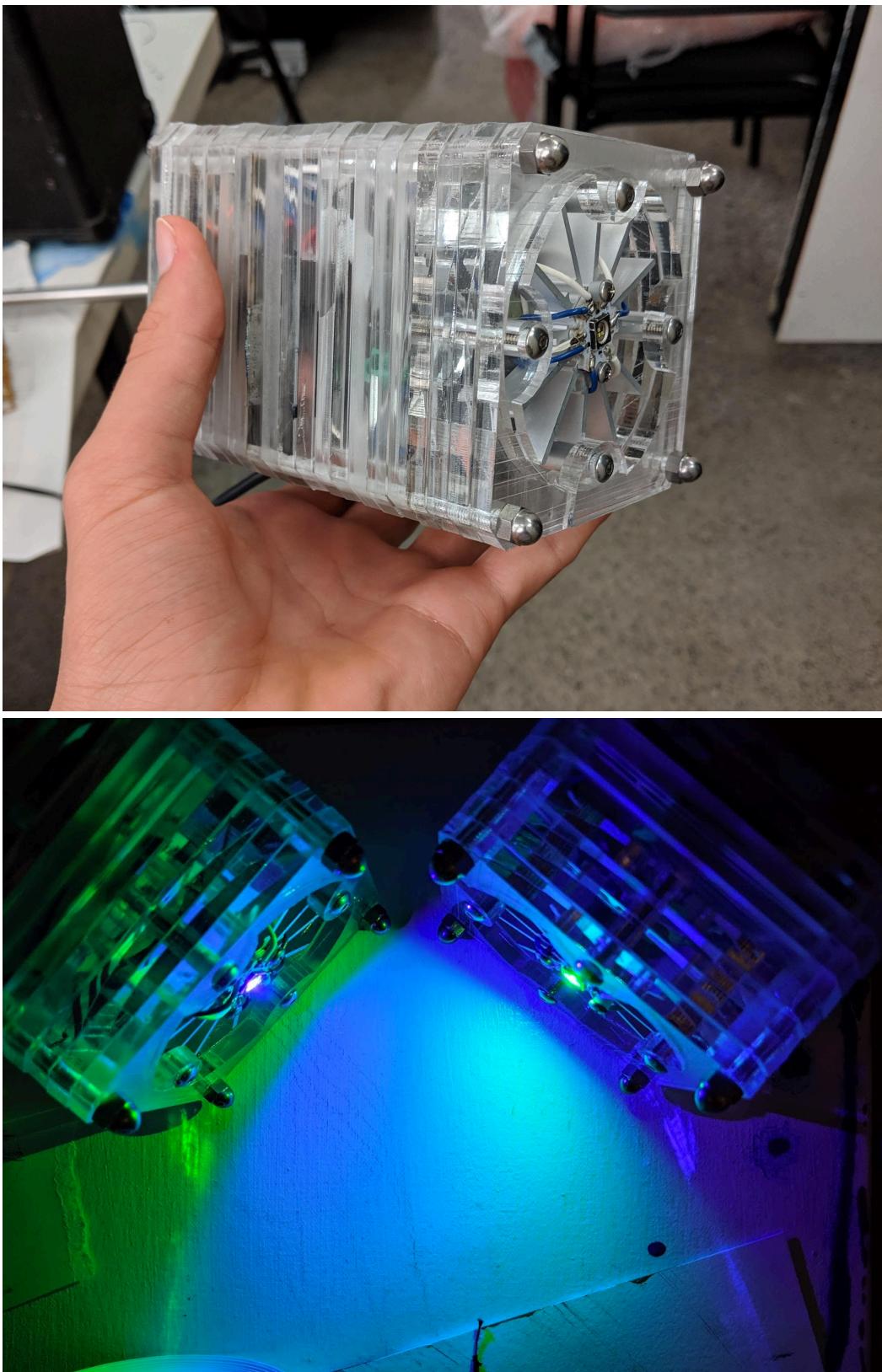
▲ Design Phase — gathering information about electrical components and the dimensions of the case.



▲ The final 3D model to be printed. However this would have cost around \$90 in printing per model!



▲ Instead we went with a plate system...



▲ The final product!