

# Alcovia Full-Stack Engineering Challenge

**Role:** Full Stack Engineering Intern

**Timeline:** 24 Hours

**Deliverable:** Deployed Web App & GitHub Repository

## The Mission

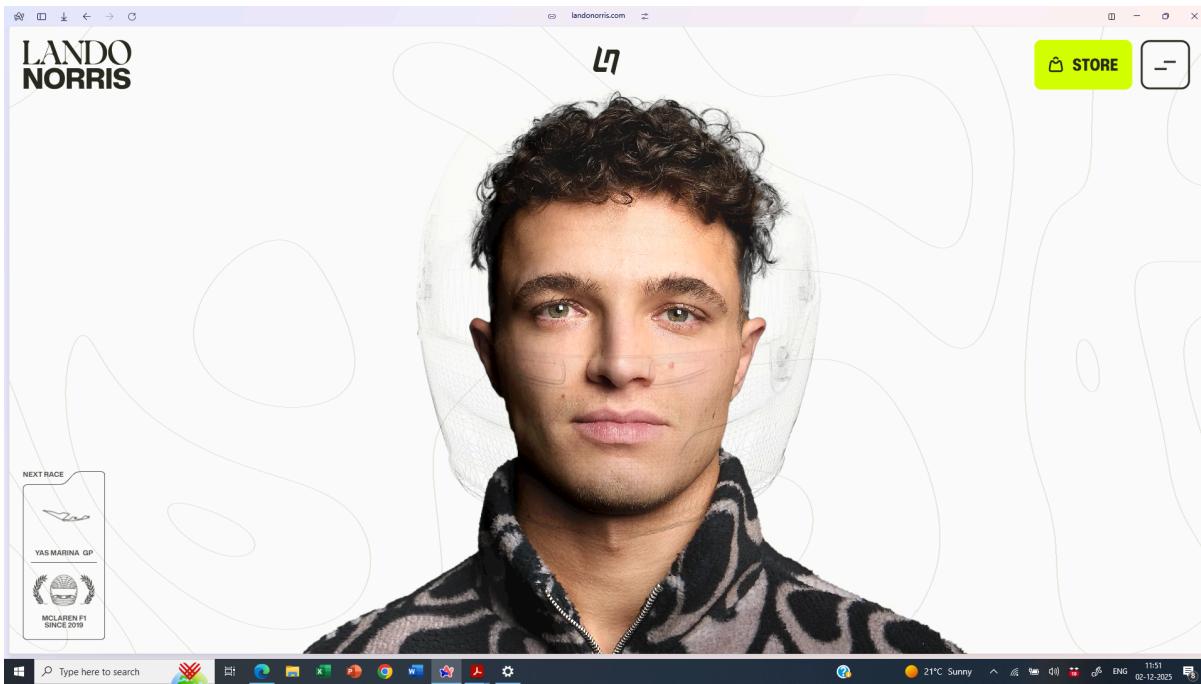
Your task is to revamp the **Alcovia** digital experience. We are looking for a candidate who understands not just code, but *feel!* We want the fluidity, boldness, and interactivity found on [Landonorris.com](https://Landonorris.com), but tailored to Alcovia's mission of building future leaders (current website - [alcovia.life](https://alcovia.life))

## Design Direction & Inspiration

- **Reference:** [Landonorris.com](https://Landonorris.com)
- **Vibe:** High-energy, premium, bold typography, smooth scroll animations, and micro-interactions.
- **Tech Stack:** Your choice (Recommended: React/Next.js, Tailwind CSS, Framer Motion/GSAP).

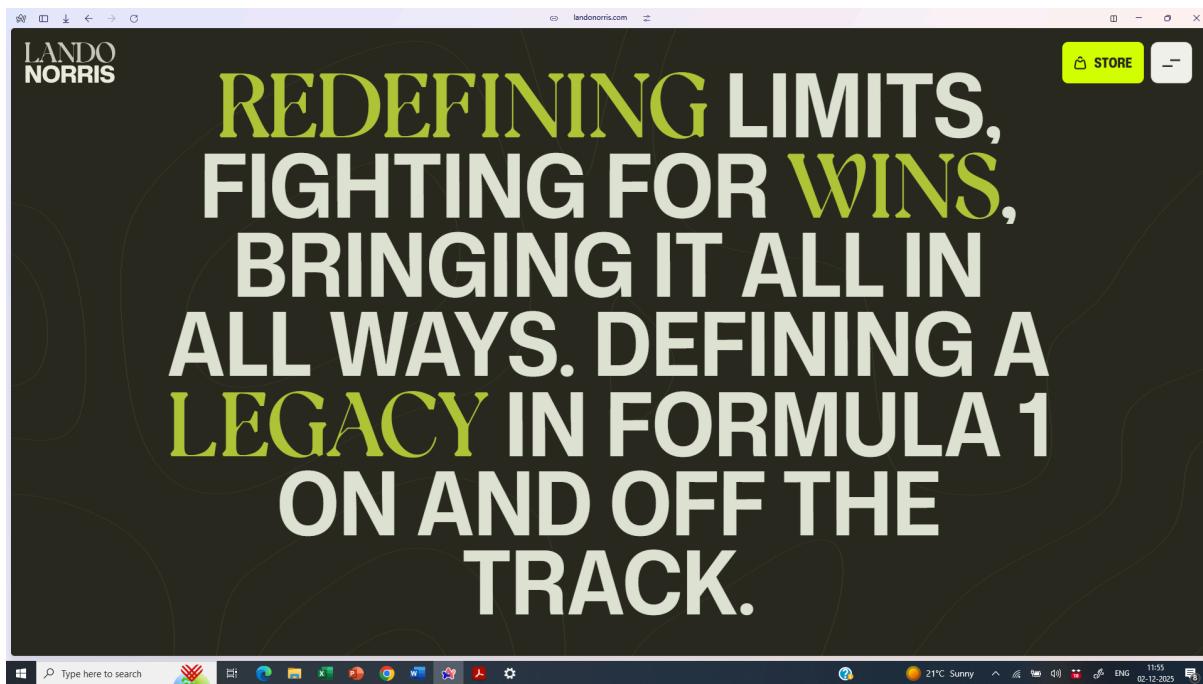
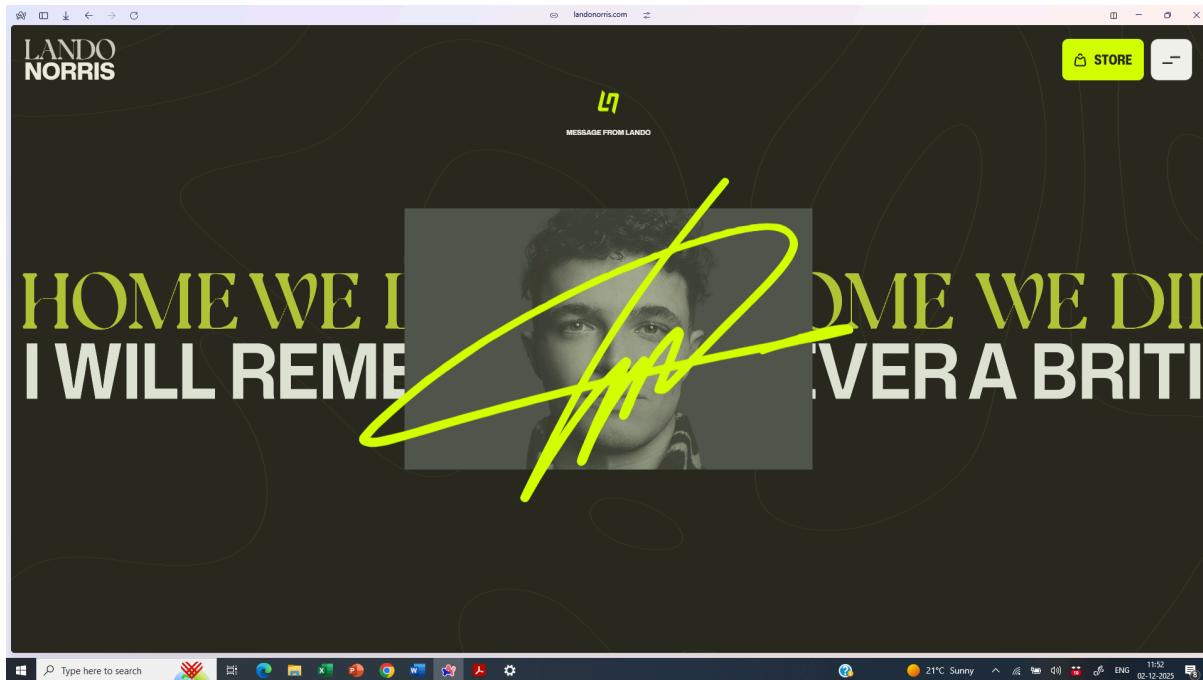
# Core Requirements & Image Mapping

## 1. The Hero Section (Entry)



- **Interaction:** The image should likely have a parallax effect or fade in on load.
- **Cursor Requirement:** Implement the "Alcovian" custom cursor here. Show an alcovian with a wing on the back whenever the cursor moves

## 2. The Manifesto (Typography & Overlay)

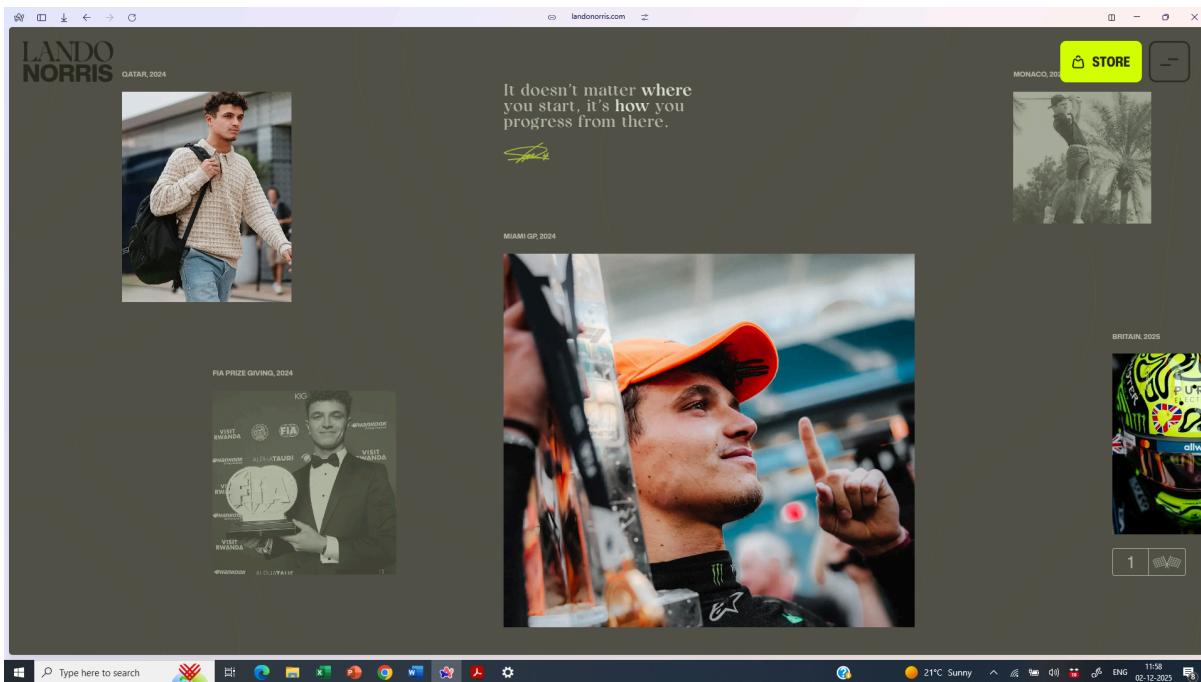


### Implementation:

- Next scroll shows the offerings of the alcovia program:
  - Mentorship from professionals
  - Self Discovery
  - Build leadership

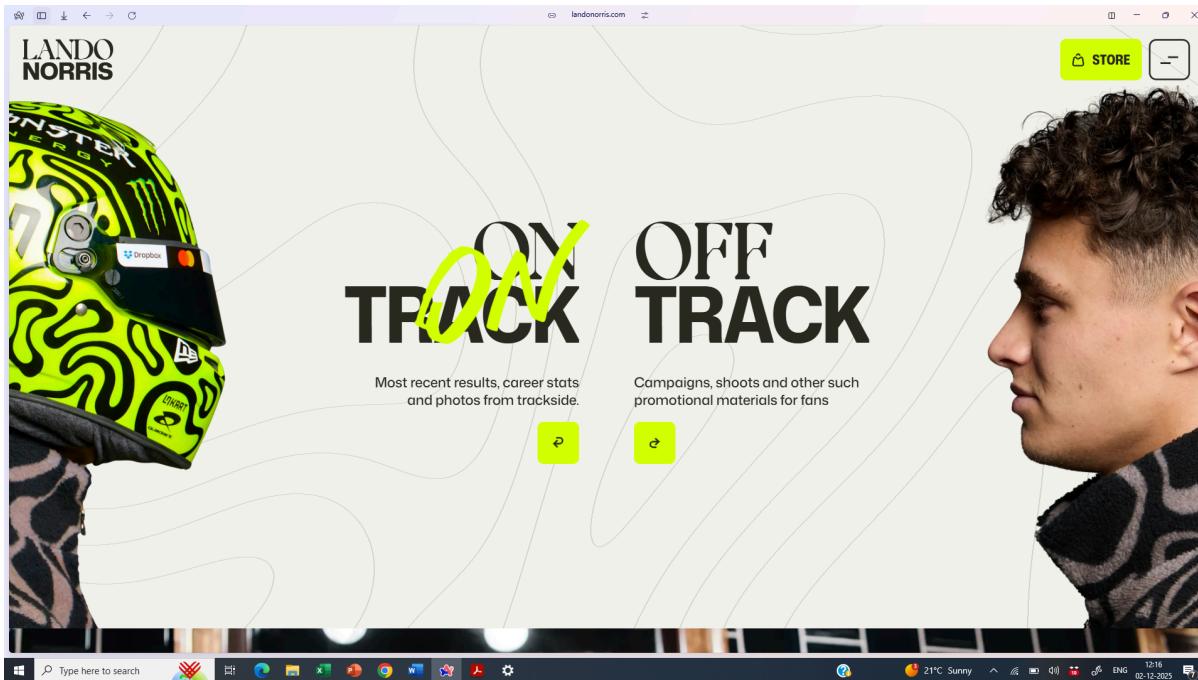
- Meet future builders
- Use **Image 3** as a style reference for the typography. Try to recreate this bold, justified text layout in code: *"Unprecedented Learnings, Failing regularly, building with friends, while being on a journey of self discovery. Get on a legacy building journey today, to build the future of tomorrow."*

### 3. The "Offerings" Scroll (Lifestyle Grid)



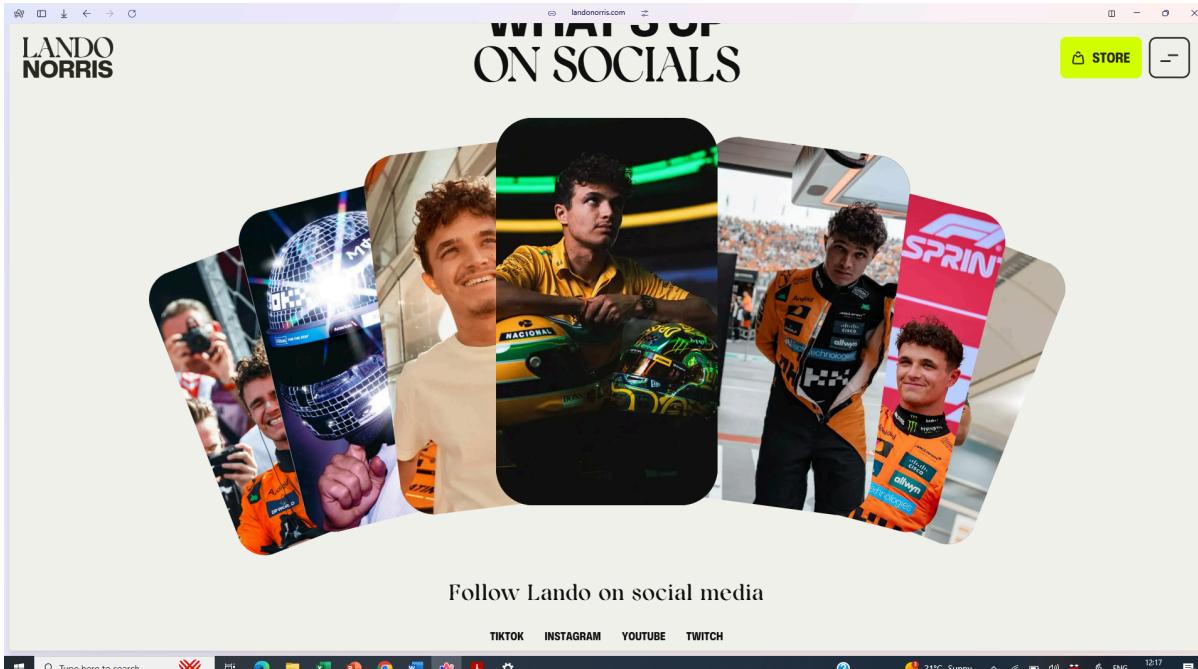
- **Content:**
  1. Career Discovery workshops
  2. Podcast shoots with industry experts
  3. 1:1 mentorship with top professionals
  4. Scientifically build academic score
  5. Forge bonds with similarly driven teens
  6. Weekly mentorship from Harvard & UCL professionals
  7. Monthly career counsellor meetings
  8. Build resilience
  9. Build empathy

#### 4. "At School" vs. "Outside of School" (Interactive Toggle)



- **Interaction:** Create a toggle or hover interaction.
  - **State A (At School):** When someone clicks on the button - Text: "How Alcovia helps students ace school."
  - **State B (Outside of School):** When someone clicks on the button - Text: "How Alcovia fulfills its mission of building differentiation for each Alcovian."
- **Note:** The transition between these two states should be fluid (mask revelation or slide).

## 5. Socials & Footer



- **Implementation:** Replicate the "fanned out" cards layout seen in the image for the social media links.
- **Links:** LinkedIn, Instagram.
- **Interaction:** On hover, the cards should perhaps spread wider or scale up.

## Evaluation Criteria

We aren't just looking for functional code; we are looking for **craft**.

1. **Motion & Feel:** Are the animations smooth (60fps)? Does the scroll feel heavy or premium?
2. **Responsiveness:** Does it break on mobile? (The Lando site is excellent on mobile; yours should be too).
3. **Code Quality:** Clean component structure, proper state management, and semantic HTML.
4. **Attention to Detail:** Typography spacing, cursor physics, and load states.

# **Submission**

1. **Code:** Public GitHub repository link.
2. **Live Demo:** Deployed link (Vercel, Netlify, etc.).
3. **Loom Video (Optional):** A 2-minute walkthrough of your thought process.

**Good luck. Build something memorable!**