

# LIGHTHOUSE

Guiding you to shore.

STEM  
Access!

Pathways to STEM  
made accessible

Educational  
Pathways

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# Meet The Lightkeepers!



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Quit Before Even Learning STEM

Can't find any research

# STEM is Scary.

Underrepresented students often enter STEM with strong potential but face unclear pathways, exclusion, and financial barriers. These challenges create a “leaky pipeline” that wastes talent and reinforces inequity in education and the workforce.

Competition is too strong

Fears of AI growing too fast

# Lighthouse = Your All-In-One Solution!



## AI-Guided Personalization

Unlike static advising platforms, Lighthouse adapts to each student's background, interests, and progress.

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## Goal Checklist

Let the students know exactly what they need in order to succeed with their goal!



## Accessible

Lighthouse features an inclusive and inexpensive model for all.

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## Interactive

The AI implemented in the system allows the student to work with the platform in a personalized manner.

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## Inspiring

The roadmap is now laid out for students. This makes their goal a lot less intimidating.

# Solution Viability

## Strengths

- AI personalization
- High demand
- Resource hub

## Weaknesses

- Data dependency
- Limited trust

## Opportunities

- Partnerships
- Community features
- Analytics

## Threats

- Adoption barriers
- Sustainability

## Competitors

### College Board's BigFuture

- Offers college/career exploration tools and scholarship search.
- Primarily geared toward high school students, less tailored for ongoing STEM pathways.

### Handshake

- Connects students to internships and jobs through universities.
- Strong on opportunities, but lacks step-by-step planning or early academic guidance.

# DEMO!



# Rise to your potential with *Lighthouse*!



[www.lighthouse.org](http://www.lighthouse.org)

Join us today!



# Works Cited

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