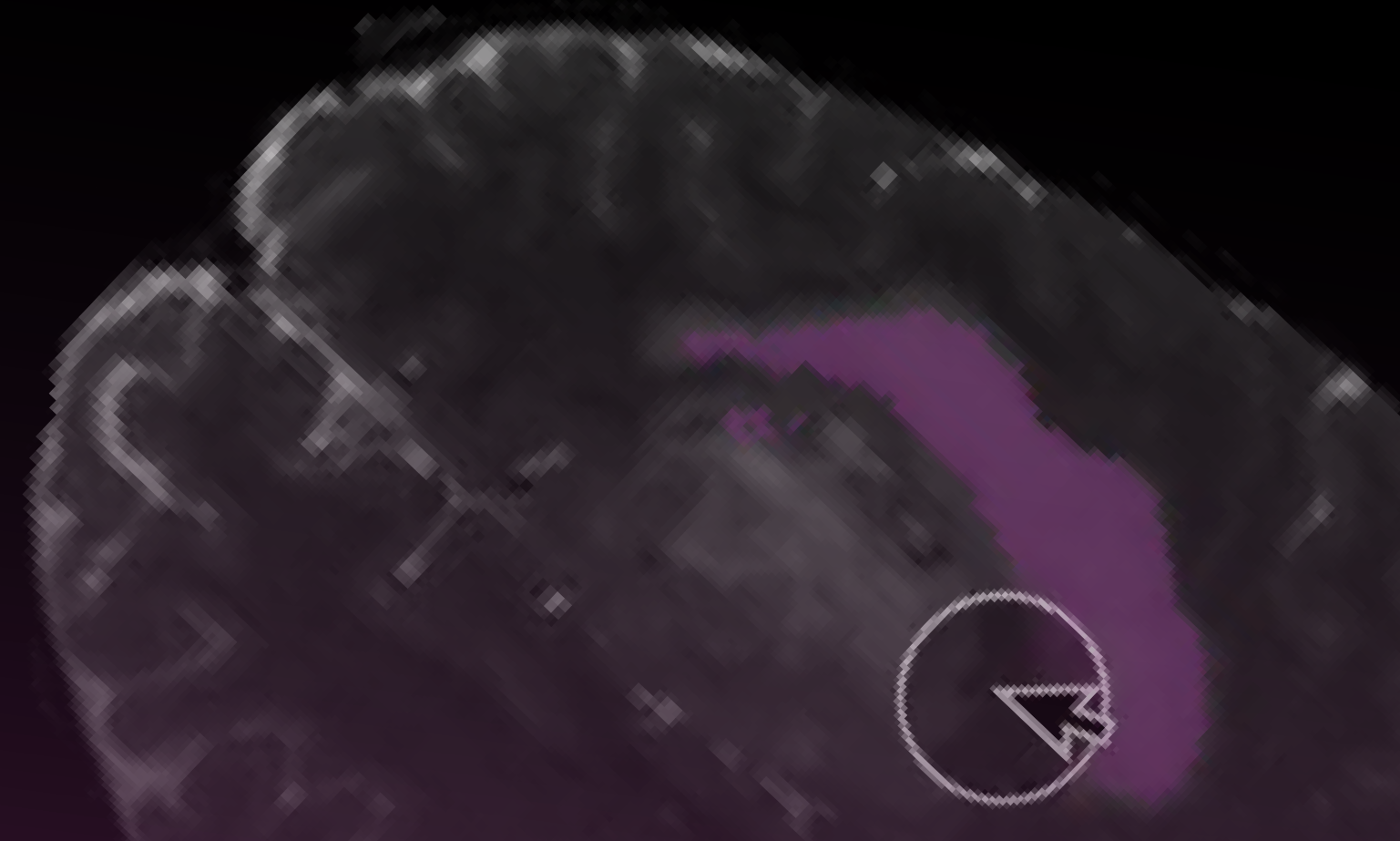




RedBrick AI

Medical Annotation Made ***BETTER***





Agenda



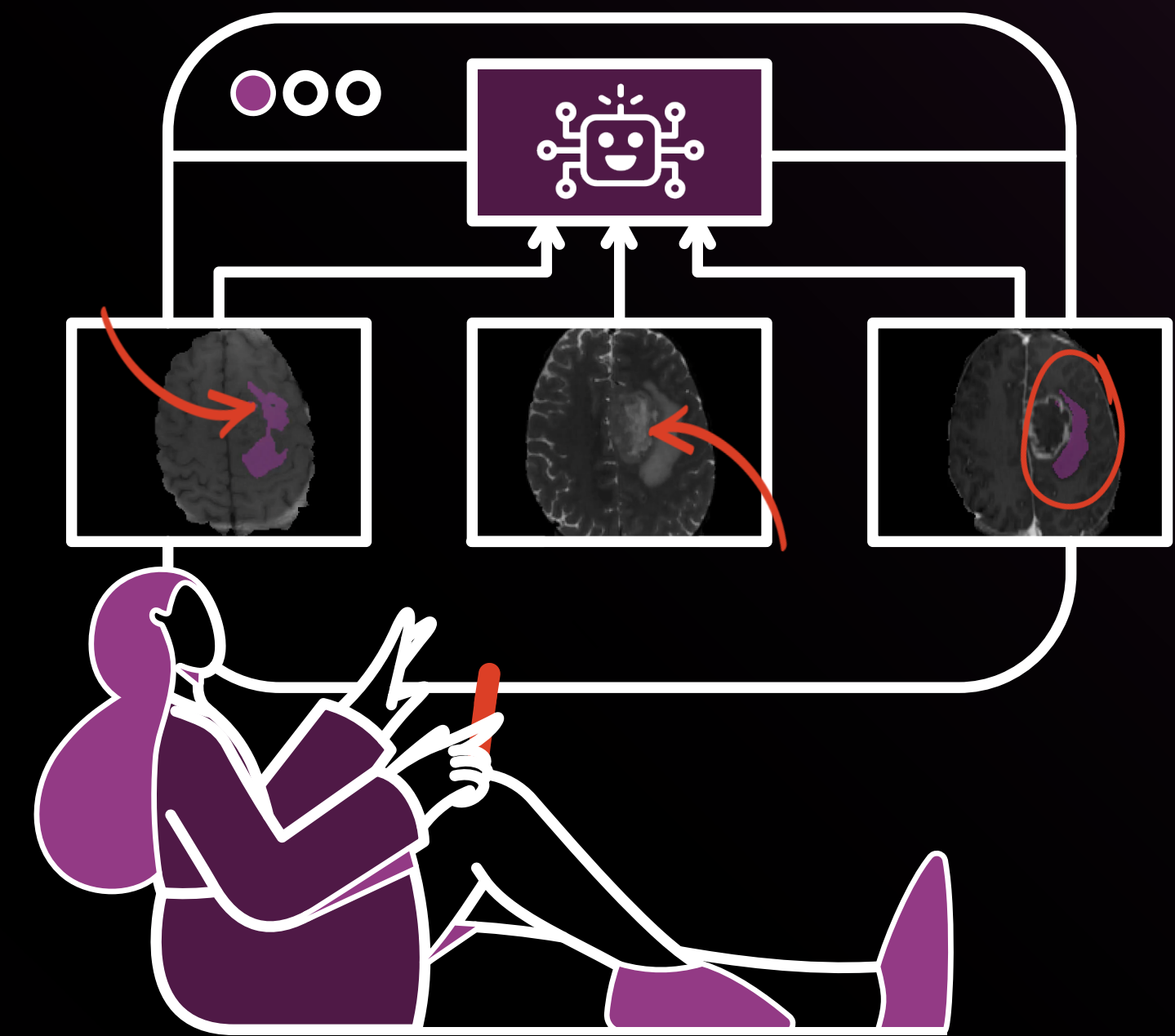
1. Company Overview
2. Company Timeline
3. Product Rundown
4. Competitive Landscape
5. Financial Analysis
6. Risks and Mitigants
7. Future Prospects



The Problem

Training Medical AI models is **time-consuming** and **laborious**

- Each scan must be **individually annotated** in order to tell the system what it represents
- So far, no one has developed tools to help clinicians annotate images **quickly**
- As a result, clinicians have to resort to traditional, **difficult-to-use** clinical tools to perform annotations



Company Overview

RedBrick AI is a software platform that helps clinicians **annotate medical data** to build high-quality **training datasets** for diagnostic AI models

\$4.6M




Total Raised in
Seed Funding

Backed by:

SEQUOIA 

 **Combinator**

Partnerships with leading healthcare AI teams:

-  Mass General Brigham
-  HYPERFINE
-  qure.ai



Meet The Team

SPACE X HYPERLOOP!
ENGINEERS



Shivam Sharma

CEO

Bachelors in Aerospace Engineering and
Computer Science, University of Michigan

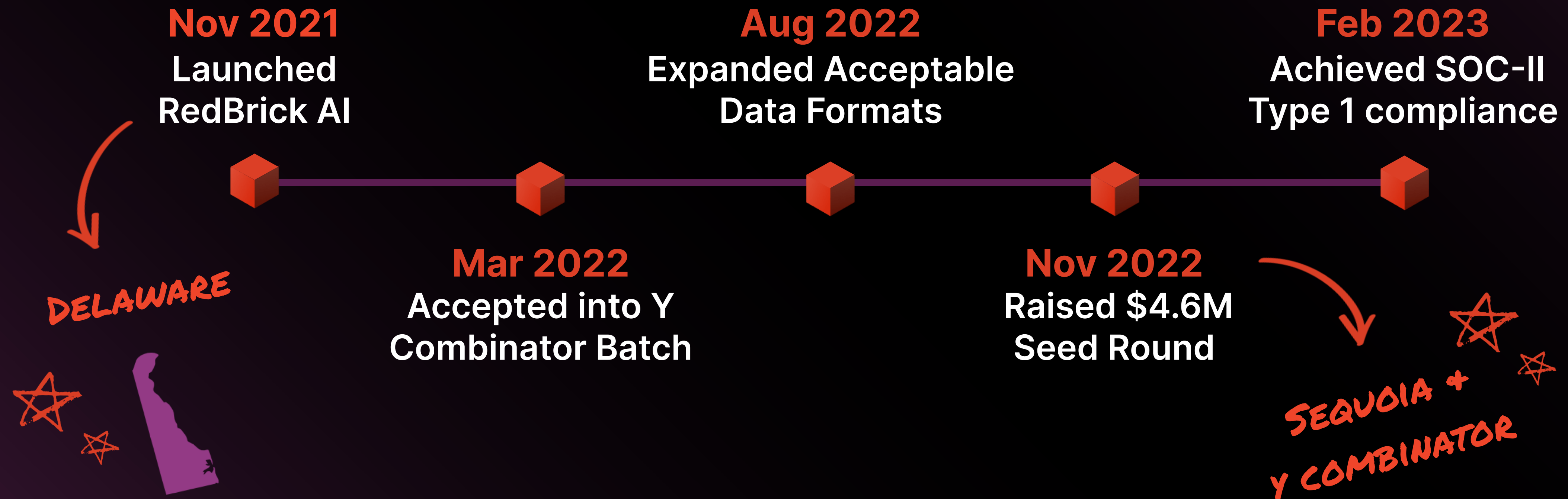


Derek Lukacs

CTO

Bachelors and Masters in Aerospace
engineering, University of Michigan

Company Timeline



AI Healthcare Market

\$11 Billion

Total Addressable
Market for AI
Healthcare

\$188 Billion

Total Addressable
Market forecasted
for 2023

Types of AI applications in Healthcare:

Machine learning, research, natural processing language, surgical robots, healthcare modeling, documentation, tracking symptoms, & diagnosis

RedBrick AI focuses on **medical imagery** like CT scans, X-rays, MRIs and ultrasound AI models are trained on



Product Rundown

Redbrick AI's has developed a set of **specialist annotation tools** designed specifically for healthcare professionals, reducing AI training time by **60%**



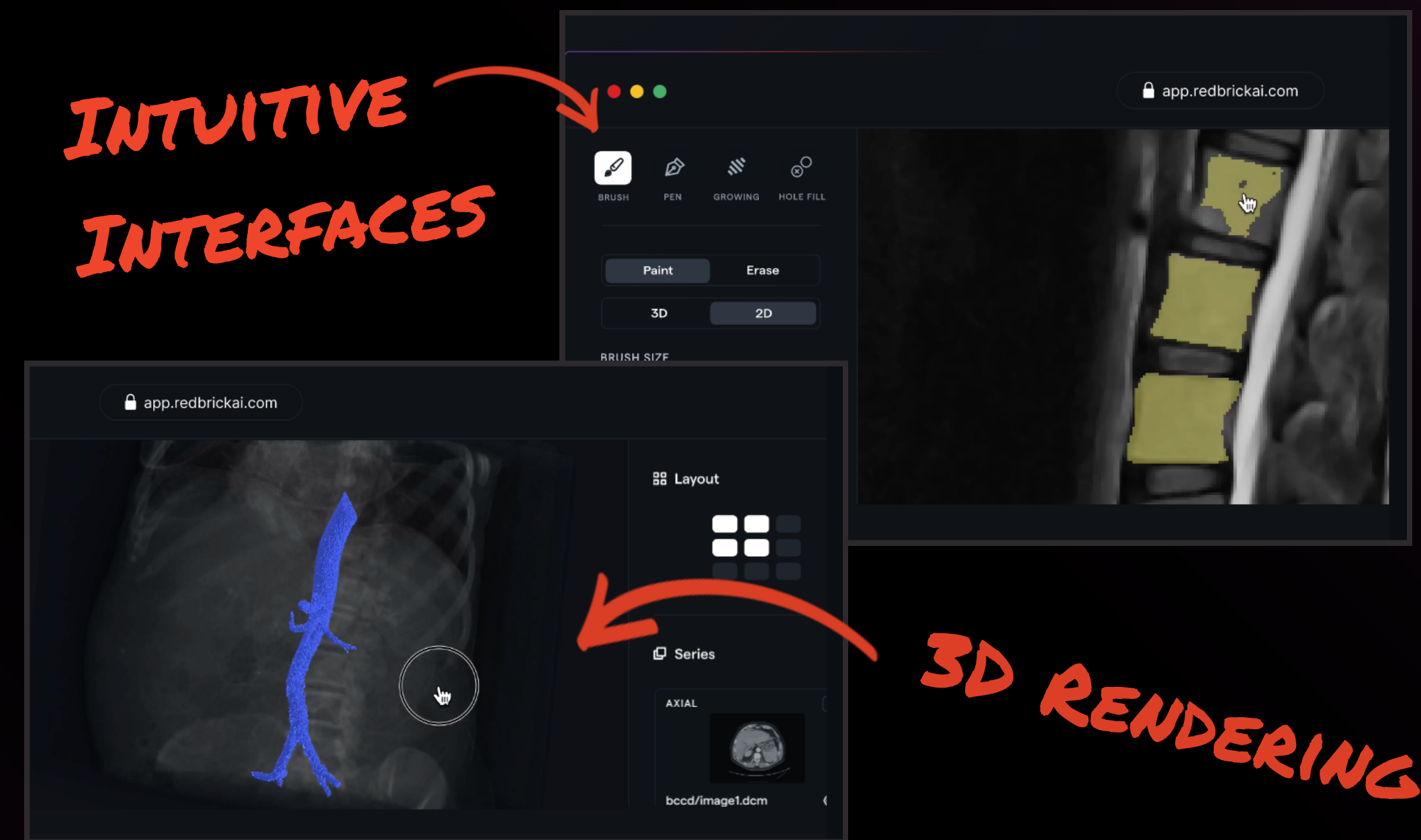
Tailored to medical workflows needs




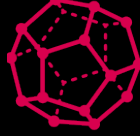


Unified collaboration between clinicians



Automation features accelerate annotation



Competitive Landscape

Company	 RedBrick AI	 ango.ai	 shaip	BASIC 
Funding	\$4.6M	\$820K	Private	Private
Category	Medical	Industry Agnostic	Industry Agnostic	Industry Agnostic
Product	Speeds medical imaging dataset generation	AI tools within a personalized hub utilized to make annotating easier	Labeling, annotation & data collection to facilitate AI product development	Modeling & annotation features, with AI backed data visualization tools



Financials

	2022	2023	2024	2025	2026	2027
Market Size	\$10,600.00	\$11,017.64	\$11,506.82	\$12,312.79	\$12,974.81	\$14,069.99
Market Share	0.043%	0.104%	0.166%	0.227%	0.289%	0.350%
Revenues	\$4.59	\$11.50	\$19.08	\$27.57	\$37.45	\$49.24
Pre-Tax Operating Margin	-\$0.69	-\$1.15	-\$0.95	\$0.14	\$1.87	\$4.92
After-Tax Operating Margin	-\$0.69	\$1.15	\$0.75	\$0.11	\$1.48	\$3.89
FCFF	-\$2.07	-\$0.36	-\$0.94	-\$1.86	-\$0.87	\$1.17

Weighted Average Cost of Capital: 0.0992

Present Value of Free Cash Flow: \$14.48

Terminal Value: \$29.80

Post-Money Valuation: \$9.23

Risks & Mitigants



Startup Defensibility

Risk: Lack of Patent or License for Annotation Technology

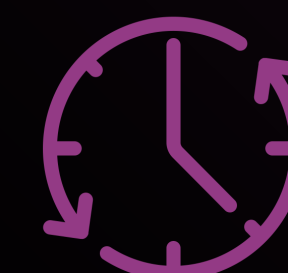
Mitigant: First Mover, Sole Current Competitor in Medical Data Annotation Space



Patient Data Privacy

Risk: Increase in Cyber Attacks and Data Breaches

Mitigant: Obtaining SOC-II Certification and High Level of Information Security



Lag in AI Adoption

Risk: Relatively Slow Incorporation of AI in Healthcare Facilities

Mitigant: 500+ AI and ML Applications have been FDA Approved in Past 5 Years

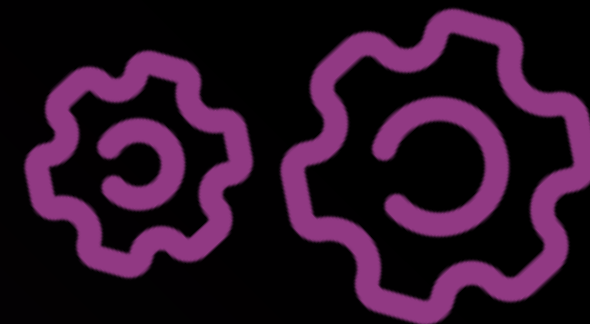
Future

\$4.6 million seed round led by Sequoia Capital and Y-Combinator will help the firm move towards **3 Key Strategic Goals:**



Fund GTM Strategy

Strategic partnerships
with enterprise customers
& healthcare specialists



Product Dev.

Investment in developing
additional advanced
features and tools



Scale Userbase

Expand to reach more
customers over the
next 12 months

Conclusion

- First platform **tailored specifically** towards medical annotation and imaging
- **Highly personalizable** to work with clients' existing data systems — small learning curve
- **Significantly shortens** training time for AI models, increasing accuracy and efficiency

Exit Opportunities

IPO →



SIEMENS
Healthineers 

M&A →

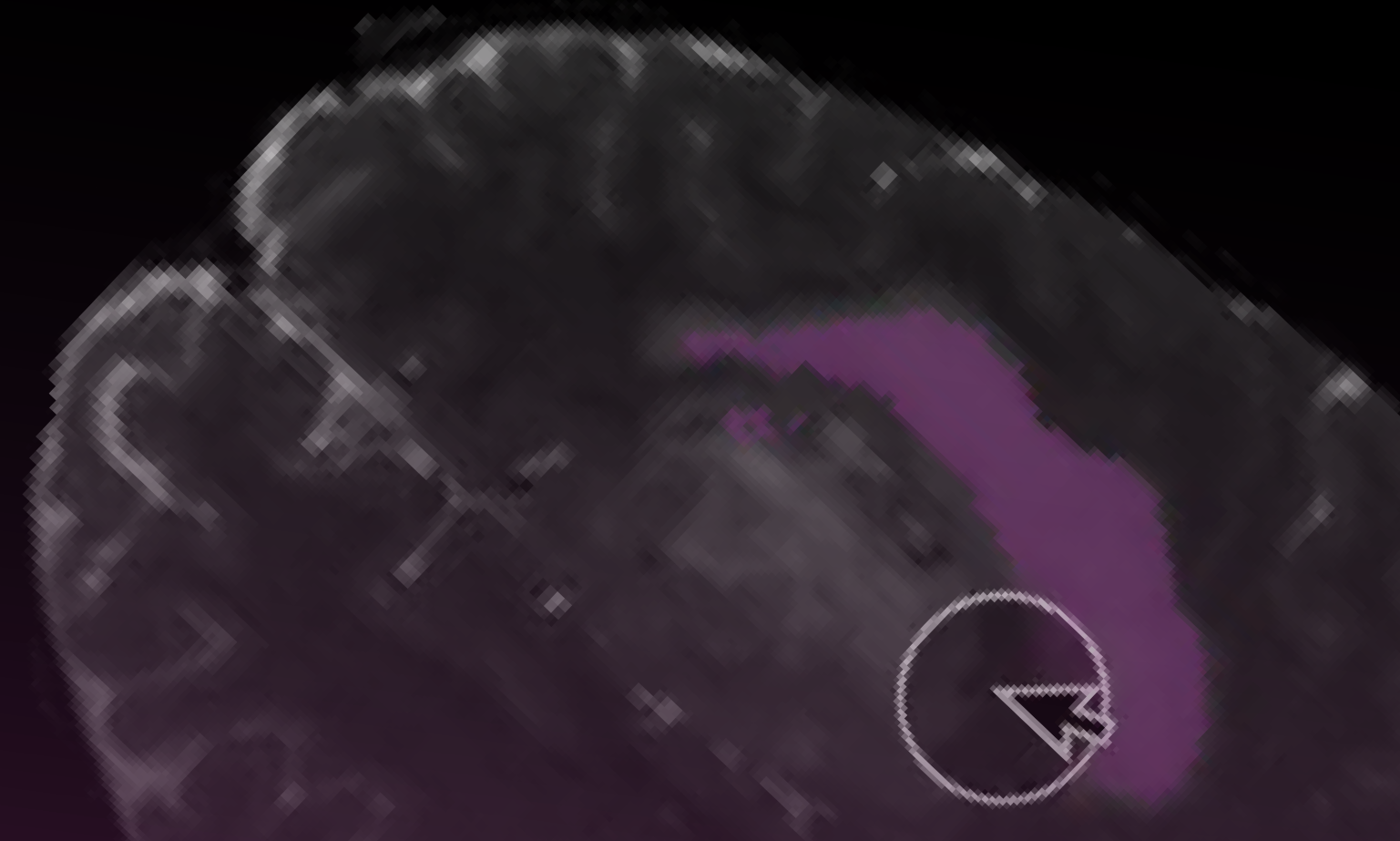
34 deals between 2017 and 2019

Increasing Average Deal Flow



RedBrick AI

Medical Annotation Made *BETTER*



Appendix A (in millions USD)

Forecasted U.S. Market for Artificial Intelligence in Healthcare Software						
Year	2022	2023	2024	2025	2026	2027
Market Growth Rate		3.94%	4.44%	5.44%	6.94%	8.44%
Overall Market	\$ 10,600.00	\$ 11,017.64	\$ 11,506.82	\$ 12,132.79	\$ 12,974.81	\$ 14,069.88


Diagnostic Healthcare AI Software Companies (In millions) - 2023		
Company	2022 Revenues	Market Share
Cue Health	\$ 474.17	4.40%
DarioHealth	\$ 27.66	0.26%
QuidelOrtho	\$ 3,226.00	30.43%
Oxford Nanopore Tech	\$ 244.00	2.03%
Siemens Healthineers	\$ 3,200.00	30.18%
Others	\$ 3,428.17	32.33%

We expect that RedBrick AI will be able to capture 0.5% of the market share in the next 5 years. (approx 53 million)

Appendix B (in millions USD)

Estimated Capital Invested and Roic						
Year	After-Tax Op Income	Reinvestment	Cap Invested Start of Yr	Cap Invested End of Yr	Return on Capital	
2022	-0.69	4.87	4.6	9.47	0.514255544	
2023	1.15	5.34	9.47	14.81	0.360567184	
2024	0.75	5.98	14.81	20.79	0.287638288	
2025	0.11	6.96	20.79	27.75	0.250810811	
2026	1.48	8.35	27.75	36.1	0.231301939	
2027	3.89	9.64	36.1	45.74	0.210756449	

Expected Revenues, Operating Margins & Revenues (in millions)						
Year	Total Market	Market Share	Revenues	Pre-Tax Op. Margins	Pre-Tax Op Income	
2022	\$ 10,600.00	0.043%	\$ 4.59	-15.00%	\$ (0.69)	
2023	\$ 11,017.64	0.104%	\$ 11.50	-10.00%	\$ (1.15)	
2024	\$ 11,506.82	0.166%	\$ 19.08	-5.00%	\$ (0.95)	
2025	\$ 12,132.79	0.227%	\$ 27.57	0.50%	\$ 0.14	
2026	\$ 12,974.81	0.289%	\$ 37.45	5.00%	\$ 1.87	
2027	\$ 14,069.88	0.350%	\$ 49.24	10.00%	\$ 4.92	



Appendix C (in millions USD)

NOLs, Taxes, and After-Tax Operating Income							
Year	Pre-Tax Operating Income	NOL at Start of Year	NOL at End of Year	Taxable Op Income	Taxes	After-Tax Op Income	
2022	\$ (0.69)	\$ 5.00	\$ 5.69	\$ -	\$ -	\$ (0.69)	
2023	\$ 1.15	\$ 5.69	\$ 4.54	\$ -	\$ -	\$ 1.15	
2024	\$ 0.95	\$ 4.54	\$ 3.59	\$ 0.95	\$ 0.20	\$ 0.75	
2025	\$ 0.14	\$ -	\$ -	\$ 0.14	\$ 0.03	\$ 0.11	
2026	\$ 1.87	\$ -	\$ -	\$ 1.87	\$ 0.39	\$ 1.48	
2027	\$ 4.92	\$ -	\$ -	\$ 4.92	\$ 1.03	\$ 3.89	

Estimated Capital Invested and Roic							
Year	After-Tax Op Income	Reinvestment	Cap Invested Start of Yr	Cap Invested End of Yr	Return on Capital		
2022	\$ (0.69)	\$ 1.38	\$ 4.60	\$ 5.98	\$ 0.23		
2023	\$ 1.15	\$ 1.51	\$ 5.98	\$ 7.49	\$ 0.20		
2024	\$ 0.75	\$ 1.69	\$ 7.49	\$ 9.18	\$ 0.18		
2025	\$ 0.11	\$ 1.97	\$ 9.18	\$ 11.15	\$ 0.18		
2026	\$ 1.48	\$ 2.35	\$ 11.15	\$ 13.50	\$ 0.17		
2027	\$ 3.89	\$ 2.73	\$ 13.50	\$ 16.23	\$ 0.17		

Appendix D (in millions USD)

Estimated Revenues by Year					
Year	Revenues	Changes in Rev	Sales/Capital	Reinvestment	
2022	\$ 4.59	\$ 6.91	\$ 5.01	\$ 1.38	
2023	\$ 11.50	\$ 7.58	\$ 5.01	\$ 1.51	
2024	\$ 19.08	\$ 8.49	\$ 5.01	\$ 1.69	
2025	\$ 27.57	\$ 9.88	\$ 5.01	\$ 1.97	
2026	\$ 37.45	\$ 11.79	\$ 5.01	\$ 2.35	
2027	\$ 49.24	\$ 13.70	\$ 5.01	\$ 2.73	

Expected Free Cashflow to the Firm				
Year	After-Tax Op Income	Reinvestment	FCFF	
2022	\$ (0.69)	\$ 1.38	\$ (2.07)	
2023	\$ 1.15	\$ 1.51	\$ (0.36)	
2024	\$ 0.75	\$ 1.69	\$ (0.94)	
2025	\$ 0.11	\$ 1.97	\$ (1.86)	
2026	\$ 1.48	\$ 2.35	\$ (0.87)	
2027	\$ 3.89	\$ 2.72	\$ 1.17	

Valuation	
Cost of Equity	\$ 0.12
% Equity	\$ 0.80
Beta	\$ 1.47
Cost of Debt	\$ -
% Debt	\$ -
WACC	\$ 0.10
Sum of FCFFs	\$ (23.24)
Present Value of FCFF	\$ (14.48)
Terminal Value	\$ 29.80
Discounted Terminal Value	\$ 18.61
Pre-money Valuation	\$ 4.13
Post-Money Valuation	\$ 9.23