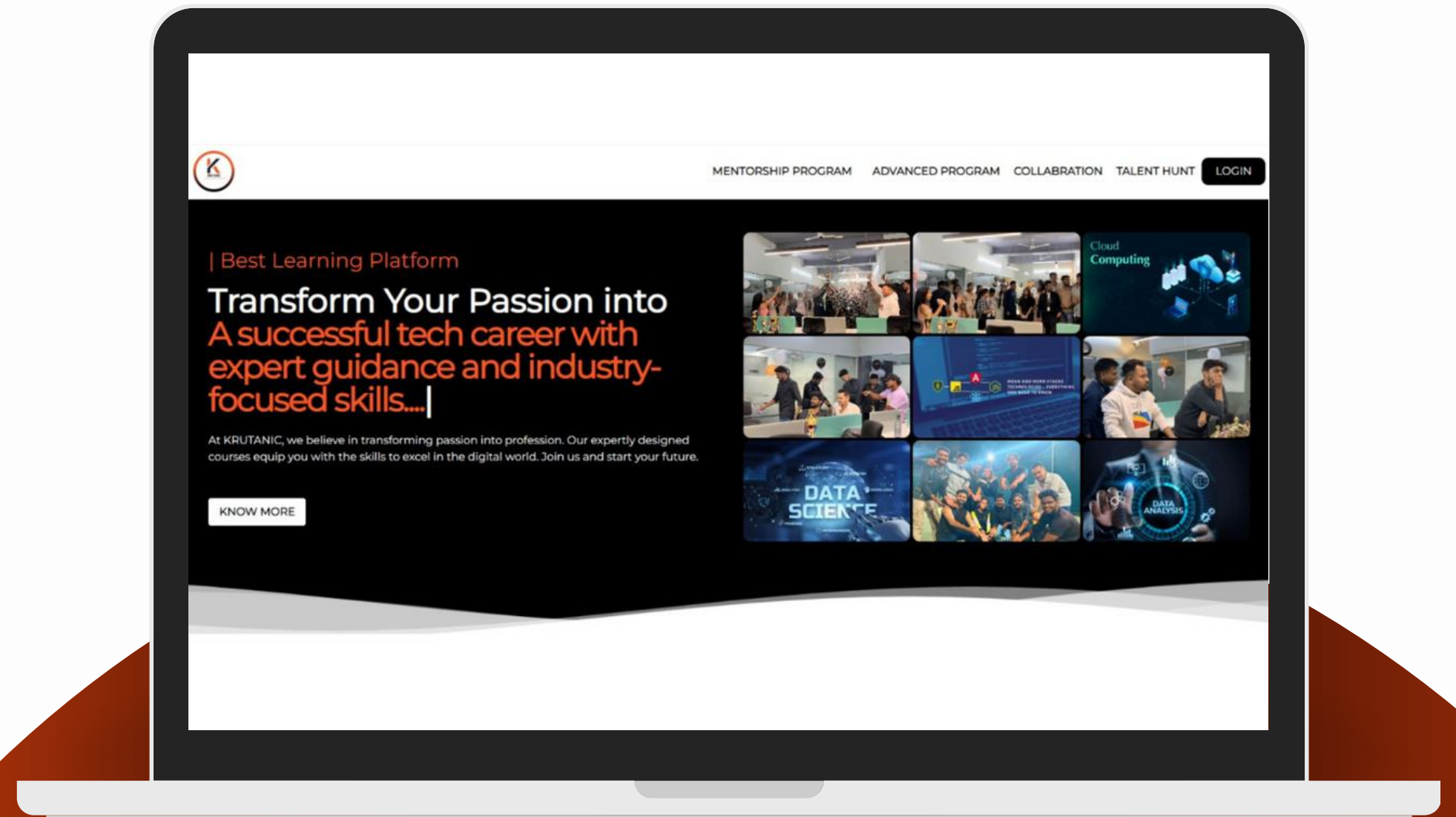




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A photograph of three students working on a robotics project. In the foreground, a student in a green turtleneck is focused on connecting black wires to a small electronic device. Behind them, another student in a yellow sweater is also working on a similar device. In the background, a third student in a red plaid shirt is visible, holding a tool. The table is covered with various electronic components, wires, and small green Christmas trees, suggesting a festive or holiday-themed workshop.

TRAINING AND INTERNSHIP PROGRAM

About us

"Krutanic Solutions is at the forefront of transforming education through cutting-edge technology. Our comprehensive platform empowers learners with personalized learning experiences, collaborative tools, and real-time analytics. With adaptive assessments and interactive content creation, we enhance student engagement and achievement. Join us in revolutionizing education for the digital age, driving positive outcomes and preparing learners for success in tomorrow's world. "





CYBER SECURITY

Why Cyber Security?

- ☁ **Cybersecurity is a fast-growing field as cyber threats increase, creating a high demand for skilled professionals.**
- ☁ **Cybersecurity professionals, including ethical hackers and security analysts, are highly paid due to the importance of protecting data**
- ☁ **Roles range from penetration testing and network security to threat analysis, providing varied career paths in cybersecurity.**
- ☁ **With rising cyber threats globally, cybersecurity experts are sought after worldwide, offering opportunities for international work and remote jobs.**
- ☁ **Cybersecurity professionals are at the cutting edge of technology, working on solutions to protect critical data and systems.**
- ☁ **As cyber threats grow, the need for cybersecurity professionals will continue to rise, ensuring job security and career growth.**

1ST MONTH

LIVE SESSIONS

Live sessions with industrial experts having experience above 10 years in the industry.

RECORDINGS

Recordings of all live sessions available with lifelong access in our LMS portal.

INDUSTRY RELATED

Industry related curriculum designed by the working professionals in the top hierarchy.



ND 2 MONTH

REAL TIME PROJECTS

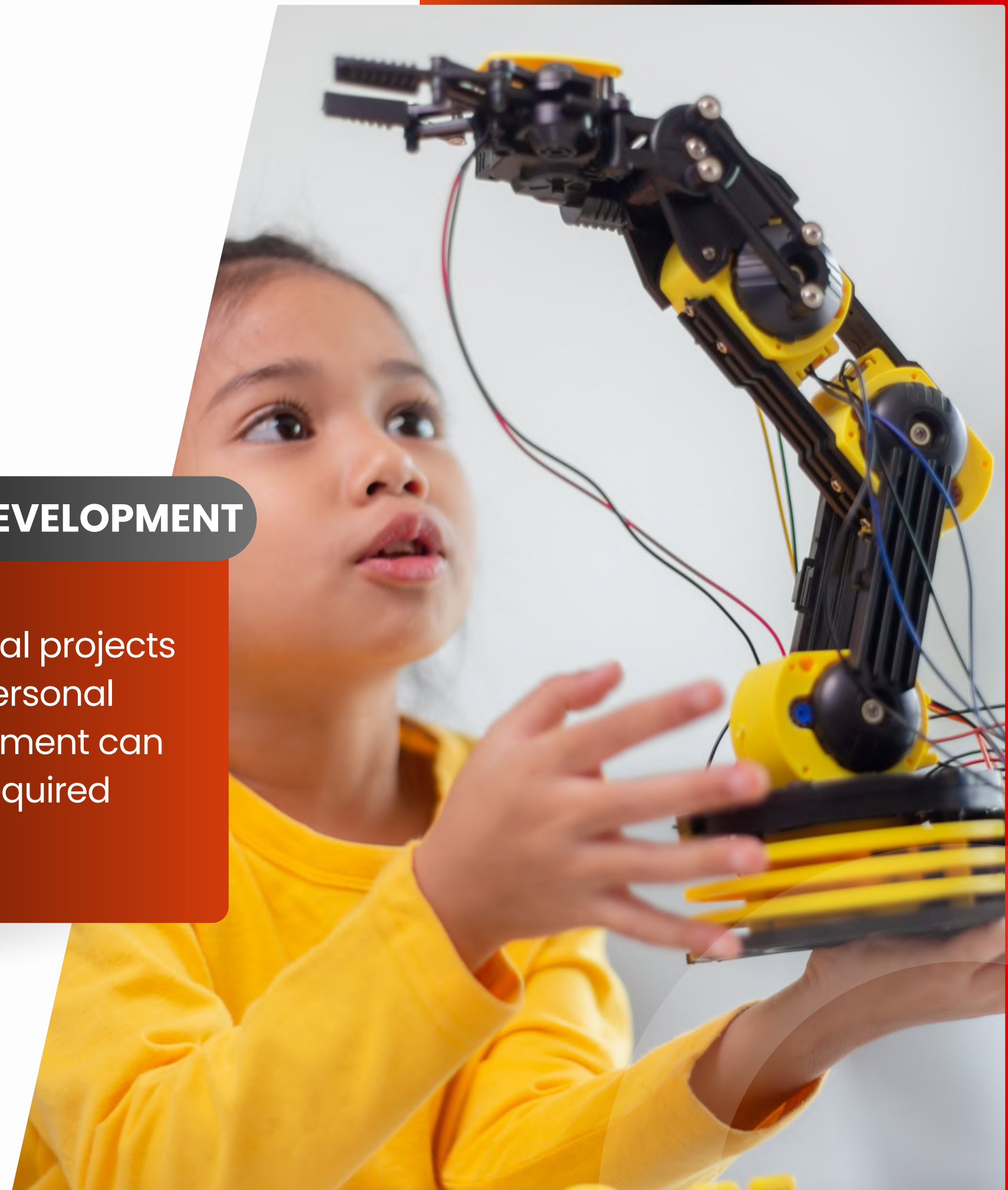
Two real time industrial projects One minor project and One major project

ASSISTANCE

All mentors will be assigned as project leads and guide the intern till the completion of the project

PERSONAL DEVELOPMENT

Additional projects for personal development can be required



Curriculum included

MODULE 1

Introduction to Cybersecurity
Understanding the fundamentals of cybersecurity
Overview of common cyber threats and attack vectors
Importance of cybersecurity in modern society
Introduction to cybersecurity frameworks and standards (e.g., NIST, ISO/IEC).

MODULE 2

Network Security Basics of network security architecture
Secure network design principles
Introduction to firewalls, IDS/IPS, and VPNs
Network protocols and their vulnerabilities
Hands-on exercises on configuring basic network security measures

MODULE 3

Cryptography Introduction to cryptography and its role in cybersecurity
Types of cryptographic algorithms (symmetric, asymmetric)
Cryptographic protocols (SSL/TLS, SSH)
Key management and digital signatures
Practical exercises on encryption and decryption techniques

Curriculum included

MODULE 4

Web Security Common web security vulnerabilities (e.g., OWASP Top 10) Cross-Site Scripting (XSS), SQL Injection, CSRF Web application firewalls (WAF) Secure coding practices and principles Hands-on labs on identifying and mitigating web vulnerabilities

MODULE 5

Operating System Security
Securing operating systems (Windows, Linux, macOS) User authentication and access control mechanisms Patch management and software updates Host-based intrusion detection/prevention systems Practical exercises on hardening operating systems Curriculum included

MODULE 6

Cyber Threat Intelligence
Understanding cyber threat intelligence Threat intelligence sources and feeds Threat hunting methodologies Introduction to SIEM (Security Information and Event Management) systems Hands-on labs on analyzing and responding to security incidents

Curriculum included

MODULE 7

Cloud Security Basics of cloud computing and its security challenges Shared responsibility model Identity and access management (IAM) in the cloud Securing cloud infrastructure and services Practical exercises on configuring cloud security controls Curriculum included

MODULE 8

Incident Response and Disaster Recovery Incident response planning and preparedness Incident detection, analysis, and containment Forensic investigation techniques Business continuity planning and disaster recovery strategies Hands-on simulations of incident response scenarios

MODULE 9

Legal and Ethical Aspects of Cybersecurity Cybersecurity laws, regulations and compliance requirements Ethical considerations in cybersecurity Privacy issues and data protection regulations Cybersecurity ethics case studies Discussion and debate on current legal and ethical dilemmas

Discover why this Cyber Security course is essential for your learning journey



Google Ratings

4.8 / 5



Mentees Trained

15k +



Hiring Partners

200+



Job Openings

45000+



Average Salary

10+ LPA



Global Size

USD 1.5 Trillion

Certifications

01

**Training Completion
Certificate Validates the
skills which acquired**

02

**Internship Completion
certificate certified by
" WIPRO dice Id "**

03

**LOR (Letter of
recommendation)**

04

Certificate of excellence

05

Placement Assistance

KRUTANIO
DER FOR BRIGHTER

Our process

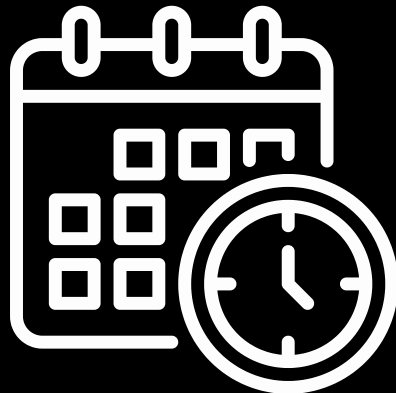
Quick guide

①



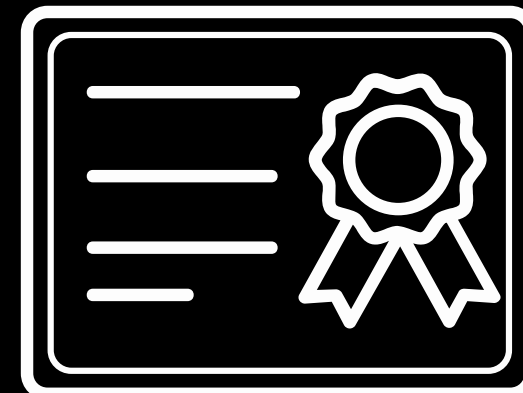
Register with us

②



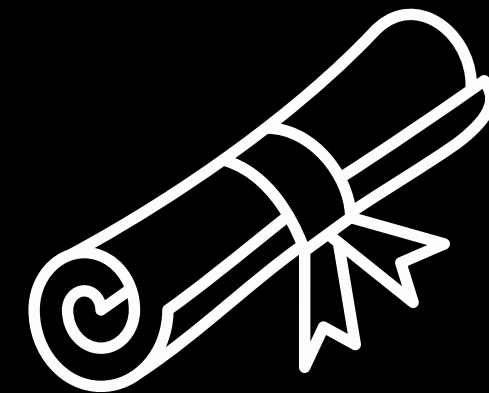
**Schedule your
classes**

③



Certifications

④



**Placement
assistance**

Program ratings



STUDENTS AVERAGE RATINGS



4.85 / 5

Brands where our alumni are





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