

AI-Driven Academic Advising & Career Preparation

The Career Intelligence Platform

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The Advising Problem

Students Need Personalized Guidance

Every student has a unique background, career interest, and skill profile, yet most receive generic, one-size-fits-all advice.

Institutions Face Bottlenecks

Advisors are overwhelmed. Limited capacity means students wait, disengage, or miss critical guidance windows.

Career Prep Is Fragmented

Resume help, interview coaching, and course planning exist in silos and students must navigate them alone.



What the Platform Does

The **Career Intelligence Platform** unifies academic advising and career preparation into three focused modules — each powered by a department-specific AI knowledge base.



PathwayIQ

Academic advising and course-to-career mapping



CareerIQ

Resume review, skill gap analysis, and mock interviews



CollegelQ

Pre-college essay coaching and application support

NYU | SPS

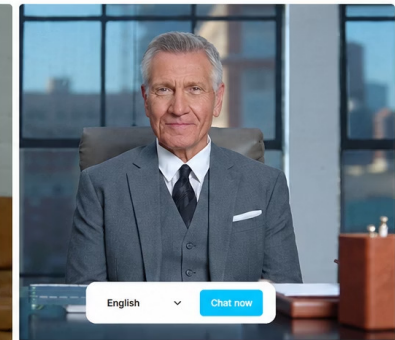
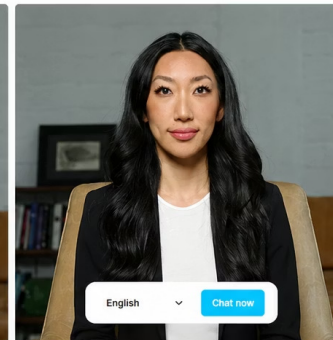
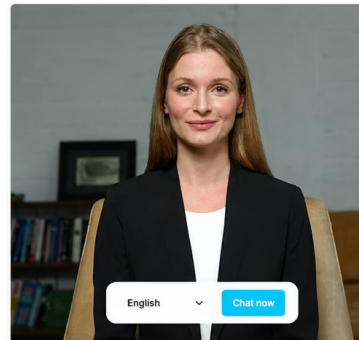
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Choose Your Virtual Coach

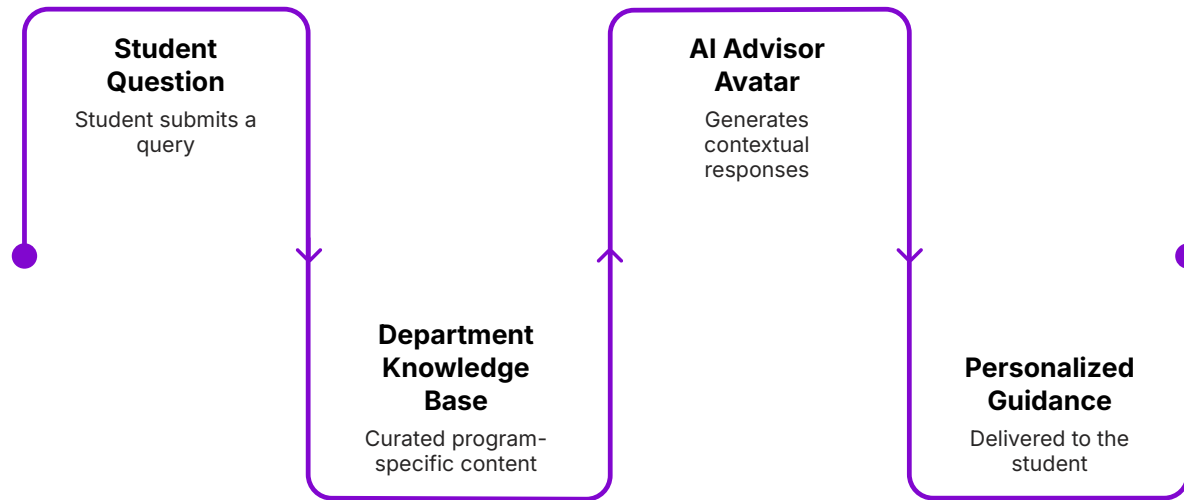
Career Path Guidance

Mock Interviews and Resume Assistance

College Application Support



Platform Architecture



The avatar interface delivers scalable, multilingual guidance — consistent for every student, at any time.

How It Works

Department Knowledge Base

Curated, program-specific content powers accurate, contextual responses.

AI Reasoning Layer

Interprets student queries and maps them to relevant pathways, skills, and resources.

Multilingual Avatar Interface

An accessible, conversational interface that scales advising support without adding headcount.

The Student Workflow

A student can engage the platform at any stage of their career journey — from initial exploration to interview day.

1

Explore

"What path fits this role?"

2

Align

"How does my resume compare?"

3

Build

"What skills am I missing?"

4

Practice

"How should I prepare for the interview?"



Early Pilot: 60+ Students



Common Use Cases Observed

Across 60+ students in the pilot cohort, five core needs emerged consistently:

→ Career Direction

Identifying viable roles aligned to academic background and interests

→ Skill Gap Identification

Pinpointing missing technical and soft skills

→ Resume Alignment

Tailoring materials to specific firms and job descriptions

→ Interview Preparation

Practicing role-specific questions with structured feedback

What Students Needed Most

Pilot data revealed clear, recurring patterns: five areas where students consistently sought support and where the platform delivered measurable impact.



Resume Structure

Formatting, narrative clarity, and industry-standard language



Technical Skills

Argus, financial modeling, underwriting fundamentals



Role Alignment

Matching student profiles to realistic and aspirational career paths



Career Language

Industry terminology, positioning, and professional narrative



Interview Confidence

Behavioral and technical prep with actionable feedback loops

Example Student Outcomes

Pilot students pursued roles across leading real estate and investment firms. The platform delivered targeted, firm-specific guidance for each unique career path.

Brookfield

Mapped a renewable asset management pathway aligned to the student's finance coursework and sustainability interest.

CBRE

Aligned resume to investment management positioning, highlighting relevant transactions and analytical skills.

Hines

Identified Argus proficiency and underwriting knowledge gaps; structured a preparation plan with targeted resources.

Harrison Street

Surfaced portfolio and fund-level skill gaps critical for a senior analyst track at an institutional investment manager.

Kering

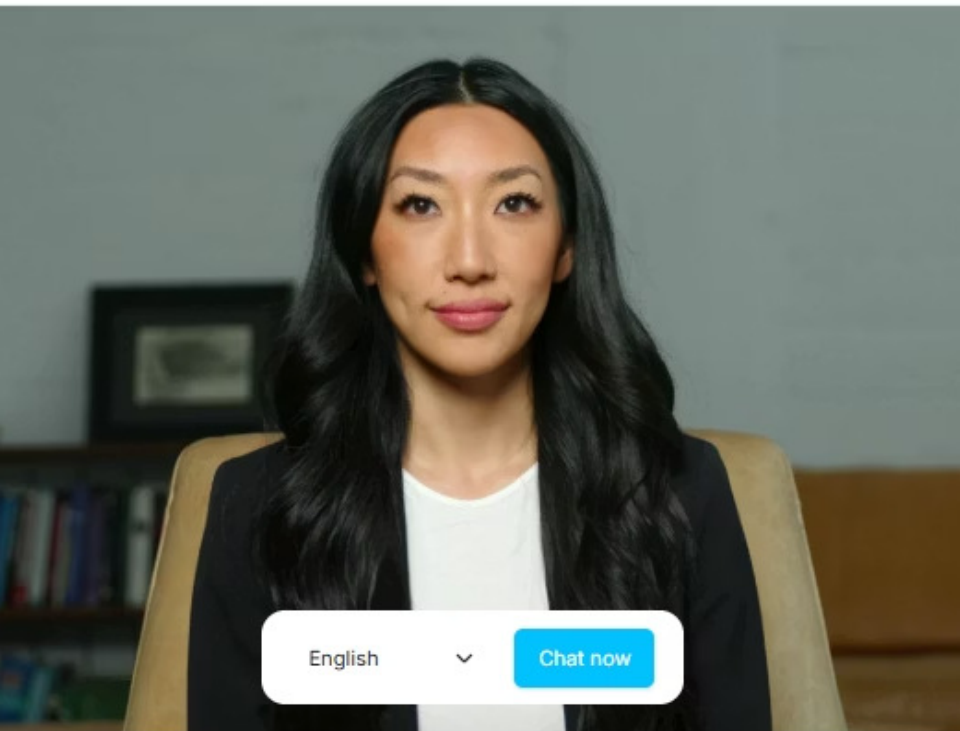
Built positioning at the intersection of corporate real estate and luxury retail — a niche requiring precise narrative framing.

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Interview Simulation with CareerIQ

How Mock Interviews Work

01

Role-Specific Questions

Questions tailored to the firm, function, and seniority level the student is targeting.

02

Technical & Behavioral Prompts

Covers both hard-skill competency and situational judgment in a realistic interview format.

03

Skill-Gap Feedback

After each session, the platform surfaces specific gaps and suggests targeted preparation steps.

04

Repeat Practice

Students practice on their own schedule — arriving at real interviews more confident and better prepared.

"Practice before the real interview — role-specific, technical, and behavioral — with immediate, actionable feedback."

CareerIQ turns preparation into a structured, repeatable process rather than a one-time event.

Beyond NYU Schack

AI advising is not a replacement for human advisors. It is an **intelligent support layer** that makes every advising interaction more productive.

Reduce Bottlenecks

Handle high-volume, repeatable guidance at scale — freeing advisors for high-impact conversations.

Improve Consistency

Every student receives accurate, program-aligned guidance — regardless of when or how they ask.

Scale Personalization

Modular knowledge-base architecture adapts to any department, school, or institution.

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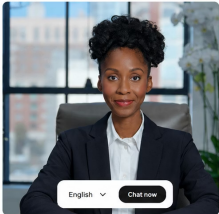
School of Engineering

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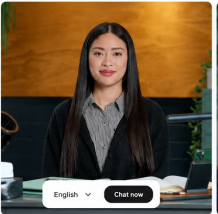
Career Path Guidance

Mock Interviews and Resume Assistance

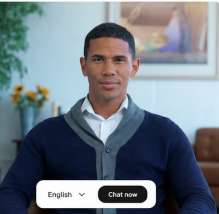
Course Selection Support



English Chat now



English Chat now



English Chat now

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Institutional Roadmap

