



Thinking Ahead: Helping Students Build Skill Awareness



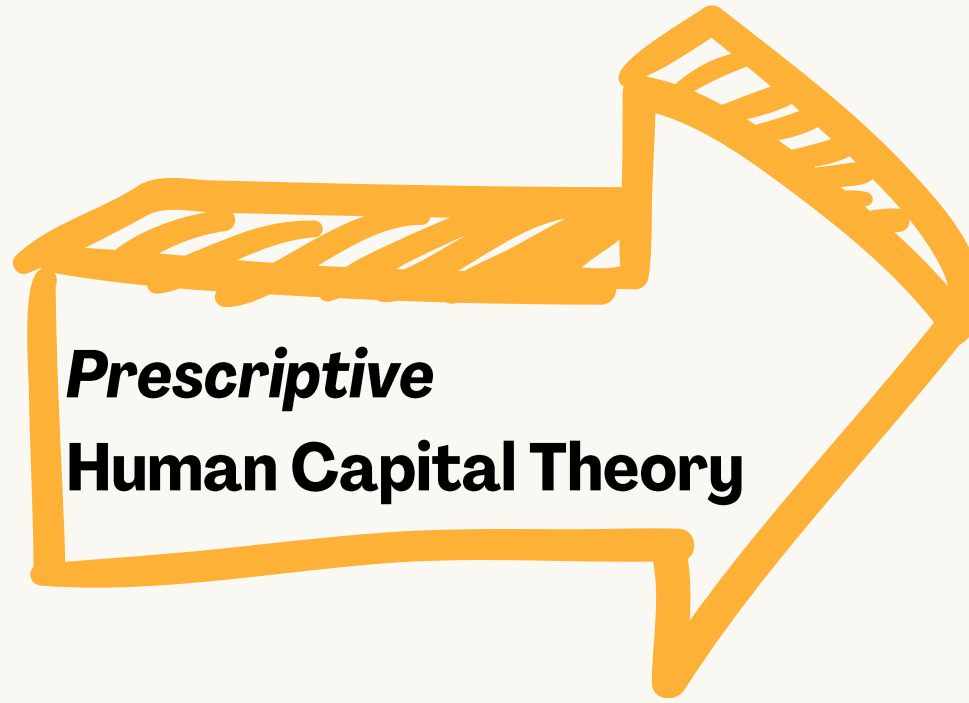
Paige Mertz | December 7



THE SHIFT TO SKILLS AWARENESS



Higher Education Offerings
= Economic Gains

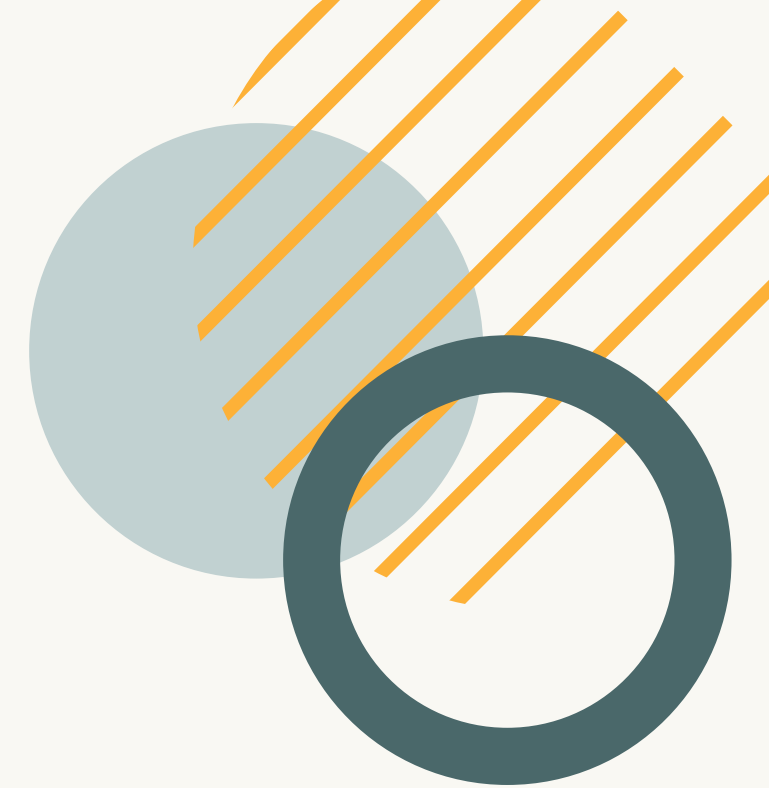


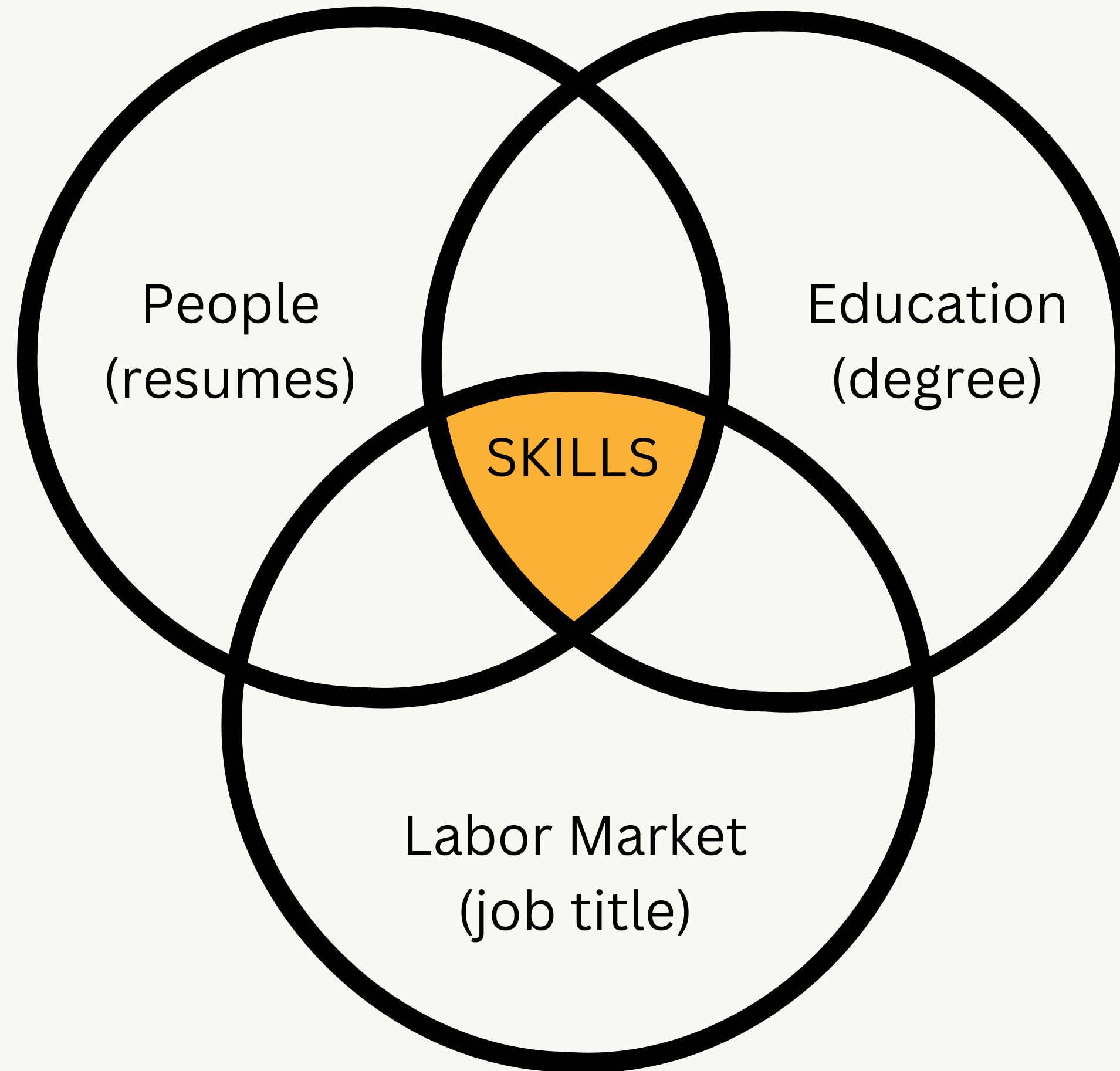
Highest Economic Gain
= Higher Education Offerings

(Wheelaham & Moodie, 2022)

Finding the middle ground
with **Skills Awareness** /
Skills-Based planning

Skills help define &
bolster both higher
education and the
economy.



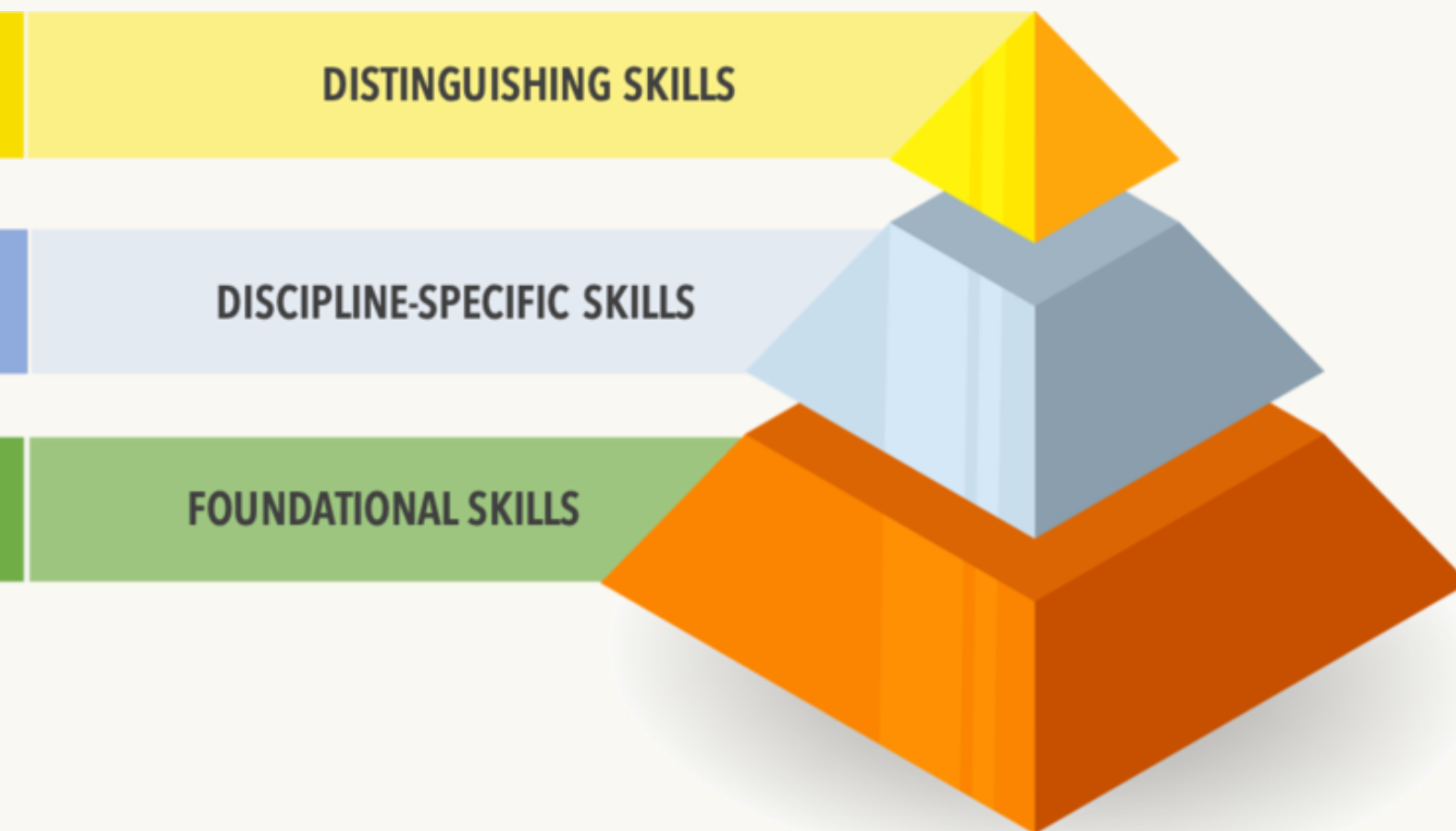


SKILLS RECAP

skill categories:



<https://lightcast.io/open-skills/categories>



Common/Soft Skills:

- Communications
- Leadership
- Problem Solving



Software Skills:

- Microsoft Excel
- Python
- SAP Applications




Specialized/Hard Skills:

- Marketing
- Accounting
- Nursing



Certifications:

- Teaching Cert
- CPA
Certified Public Accountant
- PALS
Pediatric Advanced Life Support



**"Skills have displaced
occupations as the unit of
analysis by which the job market
should be measured"**

Lightcast, 2023

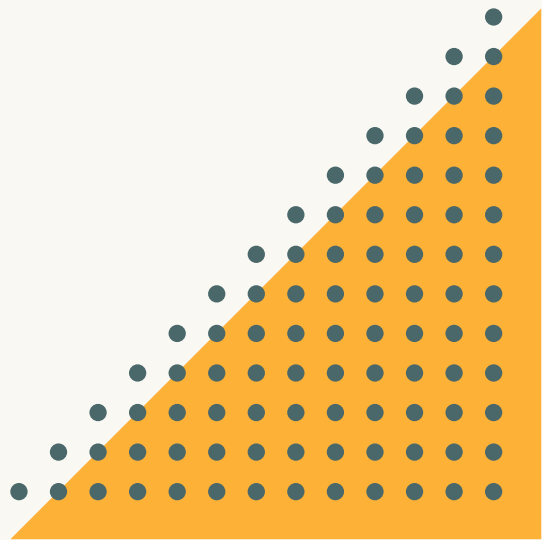


HOW IS HIGHER ED RESPONDING?

State pressures and **accountability measures** for skills-focused decision making (e.g., marketable skills reporting).

Push for **Micro** Credentials / **Stackable** Credentials.

Career Services and Academic Affairs utilizing **labor market analytics** for student mentoring and program development.



CRITICISMS



Conzelmann et. al., 2023

Unfulfilled Obligations

“Businesses and employers will naturally encourage colleges to produce graduates who can fill specific roles or jobs; however, many stakeholders believe colleges have **broader obligations to students, parents, and society**”



Wheelaham & Moodie, 2022

“Learning Equals Earning”

“Micro-credentials reorient higher education from **educational purposes to employment purposes**; they seek to divert students from substantial credentials with substantial value to **micro-credentials with micro value**”

CRITICISMS



Javadi & Asl, 2020
Losing our Identity?

Academic:

“producing commercially-oriented professionals, rather than public-interest professionals”

Teacher:

“from autonomous professionals to services-oriented workers in quasi-business environments”

Student:

Consumers rather than learners.

BENEFITS



01

Building tighter links between Higher Ed and workplace requirements so universities are more responsive to employer demands in competitive markets and students are more likely to have a ROI after graduation.

Wheelaham & Moodie, 2021

Lightcast, 2023

World Economic Forum, 2023

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02

Creates more crossdisciplinarity opportunities for liberal arts and fine arts students
“These fields are relatively more responsive to shifts in the labor demand--with programs in communications, social sciences, and health being particularly responsive”

Conzelmann, et. al., 2023

Coleman, 2009

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03

“Democratizes access to good jobs for those people who have the competencies but not the right formal qualifications for a role”

“focusses on whether a person has the right skills for a particular role, rather than having the right degree, job history, or background”

World Economic Forum, 2023

Wheelahan & Moodie, 2021



“The purpose of education is to prepare individuals to live lives they have reason to value, and not just in the specifics required of particular jobs”

Wheelahan & Moodie, 2021



HOW CAN INSTITUTIONS RESPOND?

1. Map out labor markets for each academic program, including occupations but focusing on skills. Have these conversations with Faculty or academic affairs

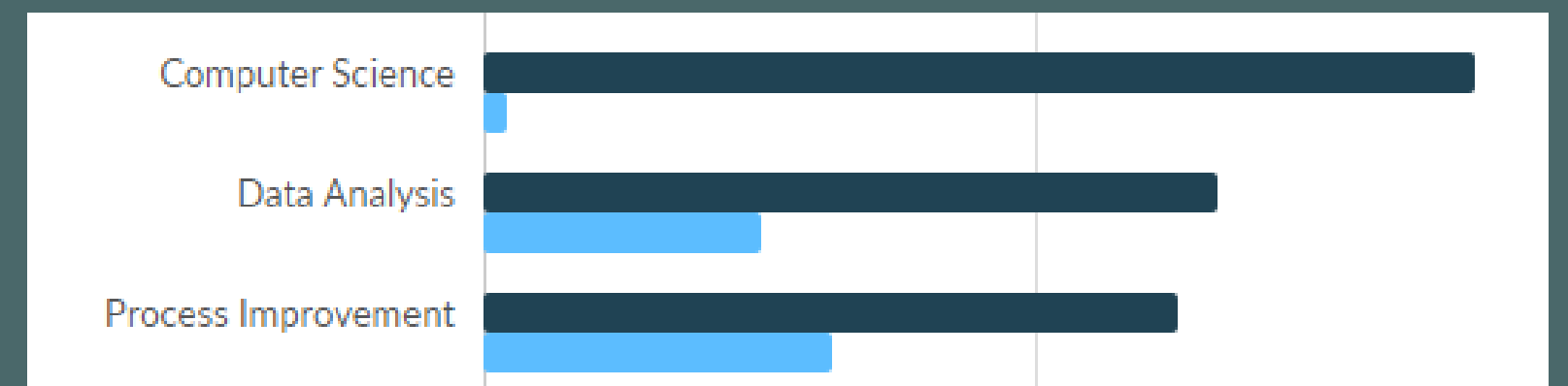
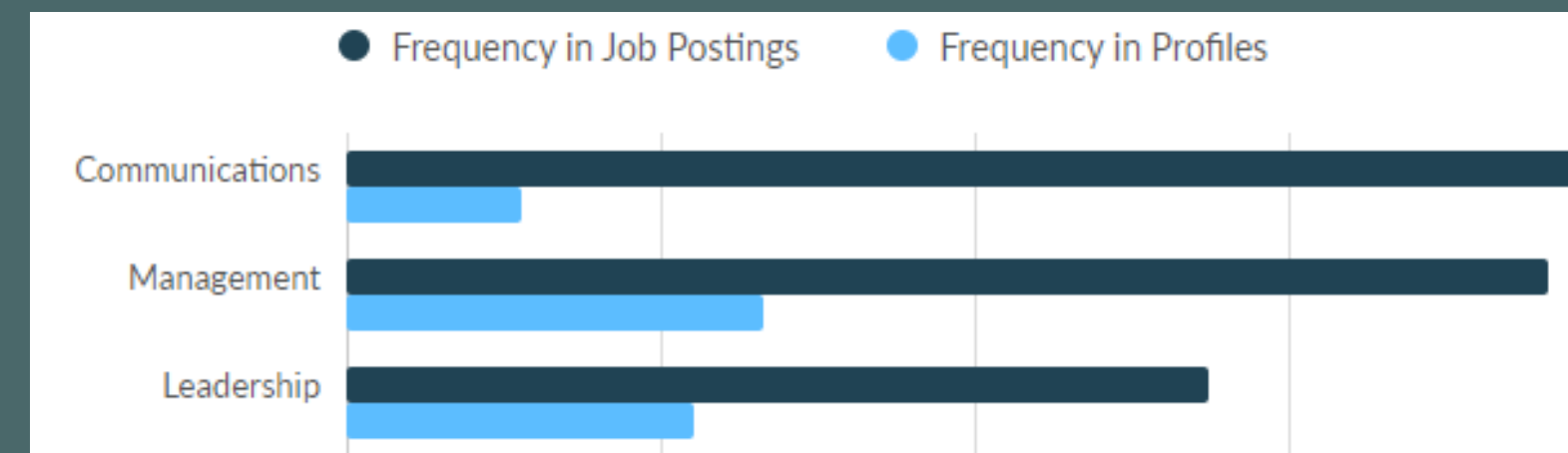
Explore different markets and be open minded about cross-collaboration!

2. Analyze and talk about skills gaps in your strategic planning and with your students

Skills
Extractor!


3. Using skills gaps, identify opportunities for adapting course curriculum, adding new programs/tracks, or tailoring career/tutoring sessions for students.

Skills Gaps Example: Market for Human Resources Degree

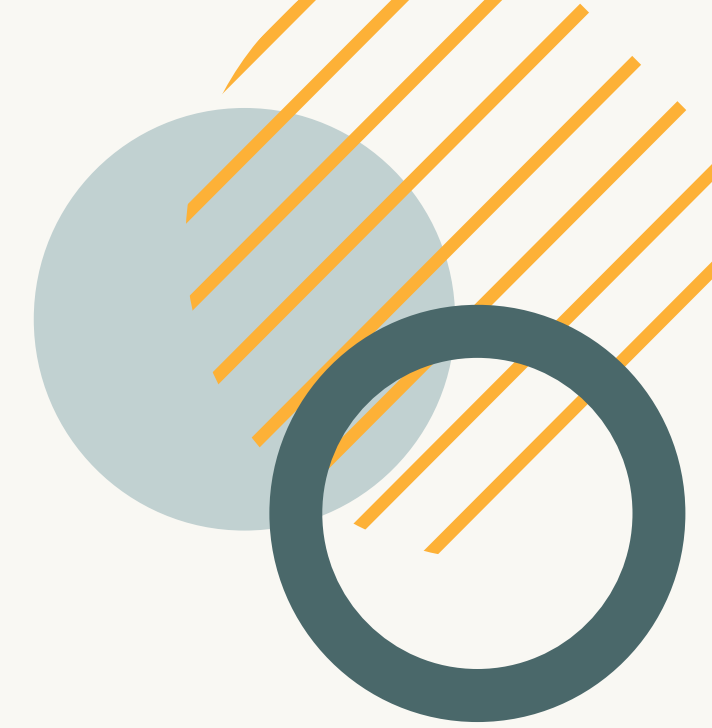




THINKING AHEAD – A CHECKLIST

- ☐ Labor market-informed Career Center to best guide students
 - ☐ Do Career Center advisors have access to labor market data on in-demand jobs and skills?
(e.g., [Lightcast](#))
 - ☐ Are Career Center advisors aware of the skills/jobs related to different degree programs?
(e.g., [CIP-SOC Crosswalk](#), internal program-workforce mapping)
 - ☐ Skills-informed Tutoring/Mentoring Centers
 - ☐ Do tutors/mentors know how skills vary among students from different degree programs?
(e.g., marketable skills reporting)
 - ☐ Are tutors/mentors aware of the ‘skill goals’ of a program or course’s curriculum?
(e.g., program or catalog webpages)
- 

SKILLS EXTRACTOR



<https://lightcast.io/open-skills/extraction>



**Course Syllabus, Catalog Entry,
Program Description/Marketing**



Student Resume Builder



Job Posting

**Thank you!
Questions?**

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