

# AI for Education: Alumni Networking





# Agenda



## **Current Challenge**

What in the current tools is creating a challenge



## **Role of AI**

What is the Role of BA in such a solution



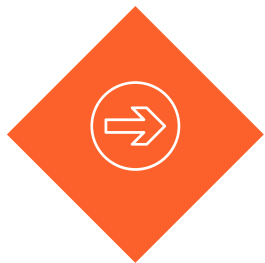
## **The Solution and its features**

What are we proposing to answer the problematic



## **Solution Components**

Technical Components used in this solution



## **Stakeholders**

Who will be benefiting from this solution.  
Potential Stakeholders



## **Modules and Snapshots**

Product Modules and snapshots

# Current Challenges

After graduation Alumni, once tightly knit on one campus, disperse rapidly worldwide.

Each day, an Alum seizes new opportunities, establishes companies, wins awards, joins NASA, wins elections or makes headlines.

## **Problem with the tools**

- Difficulties in tracking and locating lost alumni.
- Outdated information.
- Inefficient communication channels

# The solution

1

**Efficiently locate and connect with alumni across the globe.**

2

**Facilitate meaningful interactions and networking among alumni (Business Opportunities, recruitment,..)**

3

**Establish effective communication channels between the institution and its alumni (fundraising initiatives, Mentorships)**

4

**Collect valuable feedback and insights for continuous improvement and strategic decision-making.**

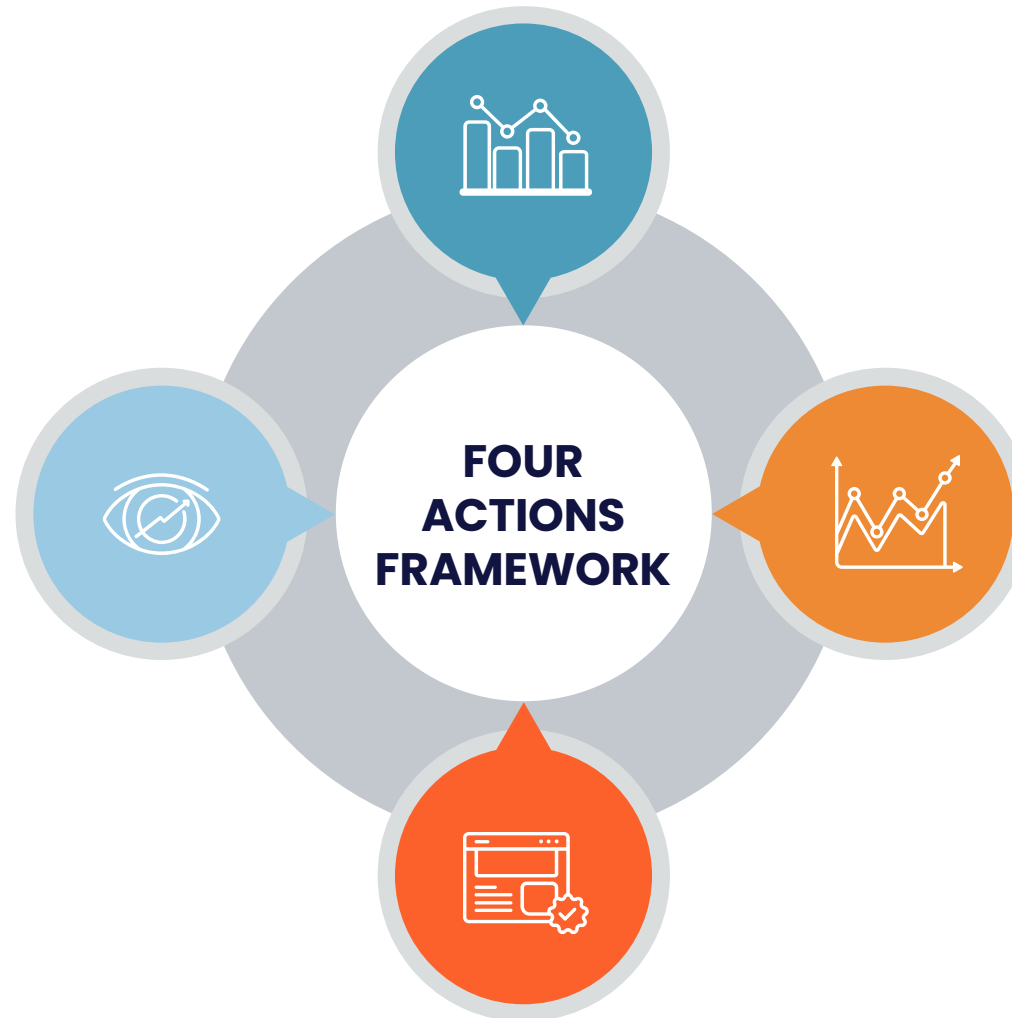
# Potential Stakeholders

## Alumni Associations

Portal to locate Alumni, learn about their whereabouts, latest achievements and be able to connect with them whenever needed

## University or School Administration

Provide the institution access to information and to insights about their graduates



## Alumni Members

Allow Alumni members access to this closed community of people seeking jobs, others hiring or even presenting an offer or a discount.

## Academic Departments / Advisors

Empowering advisors with tools that allow them to provide accurate and up-to-date advice to students

# Continuous and Automated Updates

- Collect and consolidate Alumni data
- Cross-match profiles from social media, internet, and publications
- Validate data and update Database.
- Provide analytics dashboards and data for building the Alumni community



# Role of Artificial Intelligence



## Matching Potential Alums from Social Media

Expand the alumni network by identifying and connecting with potential alums on social media platforms.



## Alumni Network Insights

AI analyzes alumni behavior to provide real-time insights into engagement patterns, preferences, and trends. Identifying influential alumni, optimize targeted communications, and tailor engagement strategies.



## Predictive Analytics for Enhanced Fundraising

AI identifies potential donors, optimizes fundraising strategies, and forecasts alumni contributions.



## Advanced Feedback and Survey Analysis

AI analyzes real-time feedback and surveys for actionable insights and continuous improvement.



## Job Matching Algorithms

Integrating advanced algorithms for job matching, providing personalized career support by aligning alumni skills with available opportunities.

# AI-Driven Analytics



## Alumni Career Progression

Evaluate the career progression of alumni, tracking their journey from graduation to holding various roles.

Assess the impact of programs on alumni careers and performance.

Provide feedback to influence University Curriculum and programs.



## Student advisory

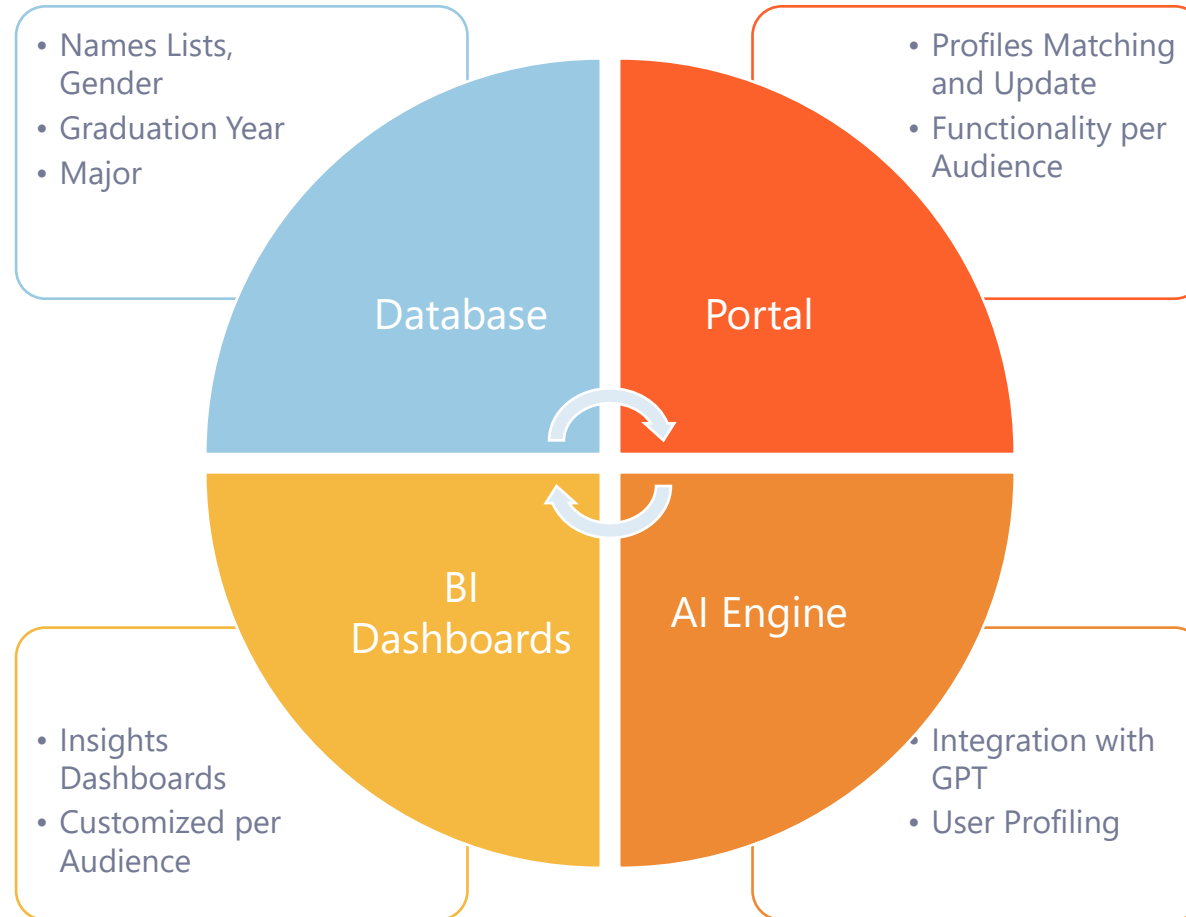
Link alumni career data with student records for trend identification.

Classify current students based on identified patterns, enabling proactive intervention.

Empower advisors with insights to guide students effectively.



# Solution Components



# Solution Modules



SOCIAL AND  
NETWORKING  
MODULE



CAREER  
DEVELOPMENT  
MODULE



CAMPAIGNS MODULE



GOVERNANCE AND  
MEMBERSHIPS  
MODULE



ANALYTICS

# Social and Networking Module



## Feeds


Offers the ability to share Posts, Events and news visible to alumni and/or to public visitors.



## Members Directory


View, list, search and interact with alumni


MAIN


 Home

NETWORKING

 Members Directory


 Companies Listing


 Institution Listing

 My Conversations

CAREER DEVELOPMENT

 Jobs

 My Jobs


 Career Advisory

MEMBERSHIPS


 Alumni Benefits


 Membership Subscriptions

ADMIN CONFIG

 Alumni Highlights

CAMPAIGNS

 Fundraising and Forecasting

 Campaigns and Newsletters

# Career Development Module



## Job Listing and Posting


Job Listing, searching, filtering, Apply and Tracking job applications




## Job Matching

Matching

## MAIN

 Home



## NETWORKING

 Members Directory Companies Listing Institution Listing My Conversations

## CAREER DEVELOPMENT

 Jobs My Jobs Career Advisory



## MEMBERSHIPS

 Alumni Benefits Membership Subscriptions

## ADMIN CONFIG

 Alumni Highlights

## CAMPAIGNS

 Fundraising and Forecasting Campaigns and Newsletters

# Memberships Module



## Alumni Benefits

Display the list of benefits that an active member can benefit from (Access to university services, discounts)



## Membership Subscriptions

View various subscriptions available and renew subscription online



# Campaigns Module



## Fundraising & Forecasting

Manage fundraising campaigns.



## Campaigns

Overview of ongoing campaigns



## Newsletters

Regular updates shared with members.



## Crowdsourcing

Engage in collaborative projects

# Governance Module



## Board Members

Manage fundraising campaigns.



## Elections

Overview of ongoing campaigns



## Governance Documents

Regular updates shared with members.



## Chapters & Ambassadors

Engage in collaborative projects

# Insights Module



## Insights about Alumni (Career Journeys)

Manage fundraising campaigns.



## Alumni Distribution by country

Overview of ongoing campaigns



## Top Employers

Regular updates shared with members.



## Top Sectors

Engage in collaborative projects

# Members Directory

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NETWORKING

**Members Directory**

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130 results

- 


**Tania Hannoun, MSc**  
Conflict Resolution Specialist Social  
2021 - University of Amsterdam - Master of Science - MS, Conflict Resolution and Governance

[CONNECT](#)
- 


**Joey Abi Abdallah**  
Chief Accountant at the International School of Choueifat - Manama | Member of the SABIS® Network  
Jun 2024 - The University of Salford - Master of Science - MSc, Operations Management

[CONNECT](#)
- 


**Mark Eid**  
Musician / Entrepreneur

[CONNECT](#)
- 


**Jane Antoun Charbel-MBA**  
SME & Corporate Credit Administration at Société Générale de Banque au Liban  
2010 - Notre Dame University - Louaize (NDU) - Master of Business Administration (MBA), Management and Strategies

[CONNECT](#)
- 


**Sakr Francis**  
Electrical Engineer at Dar  
2017 - Notre Dame University - Louaize (NDU) - Bachelor of Engineering - BE, Electrical Engineering

[CONNECT](#)
- 


**Lynn Moutragi**  
Junior Architect  
2020 - Notre Dame University - Louaize (NDU) - Bachelor of Architecture - BArch, General Studies

[CONNECT](#)
- 

**Haif Obada**  
IT Ops Manager @ Batelco | Expert in Data Warehouse & CVM  
2016 - Cyprus International University - Bachelor's Degree, Computer Engineering

[CONNECT](#)
- 

**Abbas Nasrallah**  
Group CEO  
2009 - Notre Dame University - Louaize (NDU) - bachelor of marketing, Marketing

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- 

**Jennifer H.**  
International Program Coordinator  
2022 - Paris Lodron Universität Salzburg - Master's degree, Political Science - Integration and Governance

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## Joey Abi Abdallah

Chief Accountant at the International School of Choueifat - Manama | Member of the SABIS® Network [Contact info](#)

[PROFILE](#)

[CONNECTIONS](#)

### About

With over 11 years of experience in accounting, budgeting, procurement, payroll, and customer service, I am the Chief Accountant at The International School of Choueifat - Manama, a member of the SABIS® Network. I oversee the financial operations and manage the accounting department of the school, ensuring compliance with standards and policies, and providing accurate and timely reporting and analysis. I hold a B.A. degree in Banking and Finance from Notre Dame University - Louaize (NDU) and I am currently pursuing a MSc degree in Operations Management from the University of Salford. I am skilled in Microsoft Excel, accounts payable, general ledgers, and account reconciliation. I am passionate about delivering high-quality accounting services and supporting the school's mission of educational excellence. I enjoy working with a diverse and dynamic team of educators and administrators, and I am always eager to learn and improve my skills and knowledge.

### Experience



**The International School of Choueifat - Manama**

Full-time

- Chief Accountant**  
Oct 2013 - Present · 10 yrs 7 mos

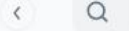


**Lebanese Swiss Bank**

- Customer Service Officer**



# Companies Listing



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## Companies

Search...

Filters

Sort by: A-Z



### Yurtdışı Türkler ve Akraba Topluluklar Başkanlığı

0 work(s) here  
1 worked here

Presidency for Turks Abroad and Related Communities  
Çankaya, Ankara  
501-1000 employees



### Wohnservice GmbH

0 work(s) here  
1 worked here

Individual- und Familiendienstleistungen  
Gera  
501-1000 employees



### United Nations Office at Vienna

1 work(s) here  
2 worked here

International Affairs  
Vienna  
501-1000 employees



### UNDP

0 work(s) here  
1 worked here

International Affairs  
New York, NY  
501-1000 employees



### TradersYard

1 work(s) here  
0 worked here

Financial Services  
Vienna  
501-1000 employees



### The International School of Choueifat - Manama





0 work(s) here  
0 worked here

Education Administration Programs  
Amwaj Islands, Muharraq Governorate  
501-1000 employees



- Industries ▾
- Titles ▾
- ExperienceLevels ▾
- Companies ▾
- JobTypes ▾
- Locations ▾
- Dates ▾

4 results

-  **Senior Software Engineer**  
FEER McQUEEN  
2 Alumni are working here viewed
-  **Senior Software Engineer**  
FEER McQUEEN  
2 Alumni are working here
-  **bveawd**  
BFI Wien  
2 Alumni are working here
-  **Job at code**  
Phoenicia Hotel Beirut  
2 Alumni are working here

## Senior Software Engineer

**FEER McQUEEN** *2 Alumni work here !*

[APPLY HERE](#)


On-site | Internship

### Job description

### Company Description

\$4800USD/MONTHLY ESL/ENGLISH TEACHING JOB WITH FREE AIRFARE AND ACCOMMODATION IN DUBAI, UNITED ARAB EMIRATES.  
We are urgently looking for Teachers of ESL/English for immediate employment in the United Arab Emirates. We will offer you a fully supported working experience and also strive to make your experience in the United Arab Emirates rewarding as well as satisfying.  
Dubai is a beautiful city in the United Arab Emirates. Our School has a strong foreign teacher team. It enjoys a great reputation both with students and our teachers. Our school pay is higher in Dubai. The school encourages academic excellence and high social standards, with British Curriculum.

The JOB AND BENEFITS DETAILS are listed as follows :-  
Contract Duration: 1 Year contract(Renewable)  
Working Days: Sunday to Thursday (6hours Daily)  
Monthly Salary: \$4800USD per month (Tax Free).  
Overtime: \$50USD per hour.



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★ Membership Subscriptions

### ADMIN CONFIG

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### CAMPAIGNS

🏠 Fundraising and Forecasting

✉️ Campaigns and Newsletters

💰 Feedback and Surveys

### GOVERNANCE

👤 Board Members

🗳️ Elections

📄 Governance Documents

📁 Chapters and Ambassadors

### ANALYTICS

☰ General

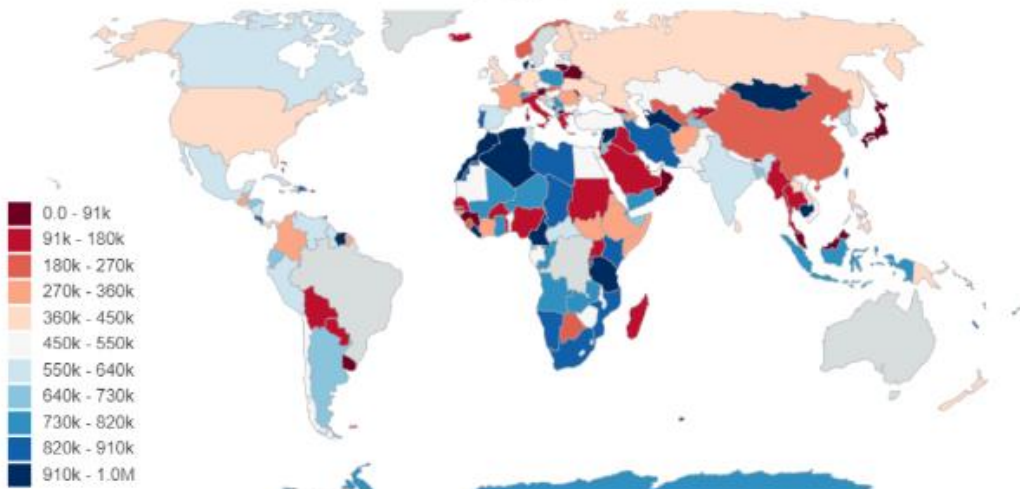
👛 Employment Insights

📈 Major Trends

📊 Employers

🔧 Build Your Own Dashboard

### Distribution Of Alumni By COUNTRY

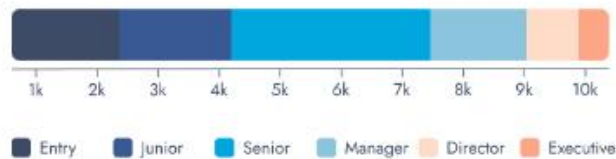


### Distribution Of Alumni By ECHELONS OF EDUCATION %

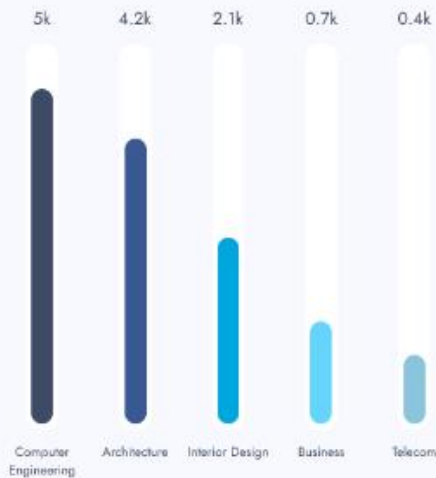
■ Grads  
■ Masters  
■ PHD



### Distribution Of Alumni By JOB POSITION LEVEL



### Distribution Of Alumni By TOP 5 INDUSTRIES



★ Membership Subscriptions

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### ANALYTICS

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🔧 Build Your Own Dashboard

+ Add Filter

Major: Computer Engineering ×

Major: Software Engineering ×

Seniority Level: Senior ×

## TIME TO EMPLOYMENT

Excluding Internship



## MAJOR RELEVANCE %

Within Early Stages

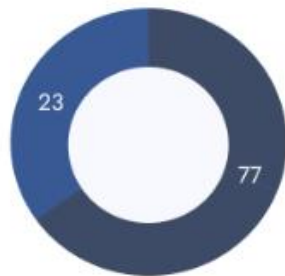


■ Degree-Aligned Occupations

■ Degree-Shifted Occupations

## REMOTE VS ON-SITE

Work Distribution



■ On-Site ■ Remote

## MEDIAN SALARY

# \$2500

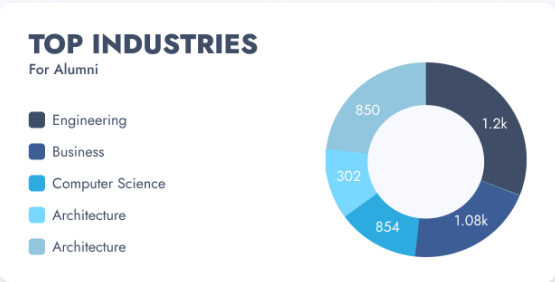
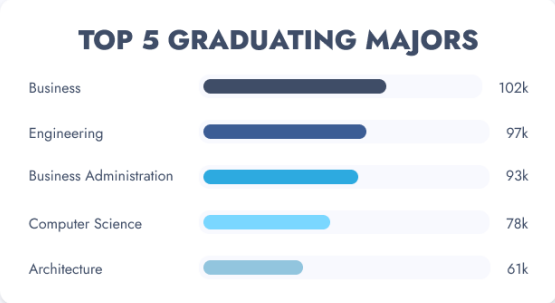
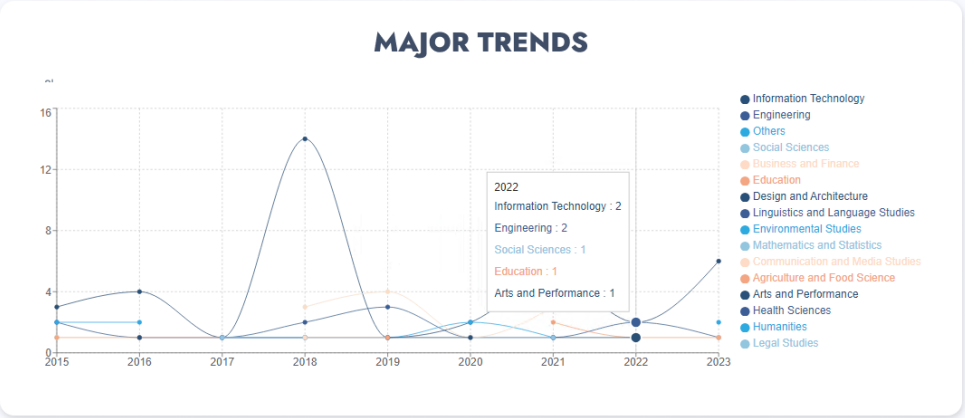
## ALUMNI CURRENT STATUS %



- ★ Membership Subscriptions
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- 📊 Major Trends
- 📈 Employers
- 🔧 Build Your Own Dashboard



**MEDIAN SALARY \$2500**





[+ Add Filter](#)

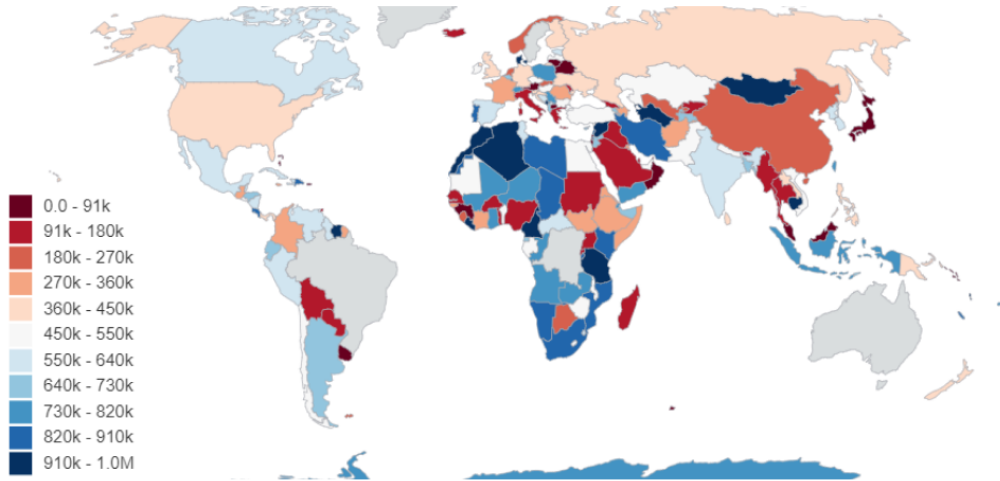
Major: Computer Engineering X

Major: Software Engineering X

Seniority Level: Senior X

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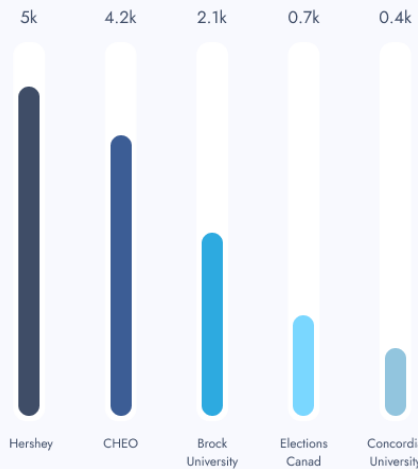
### TOP EMPLOYERS AROUND THE WORLD



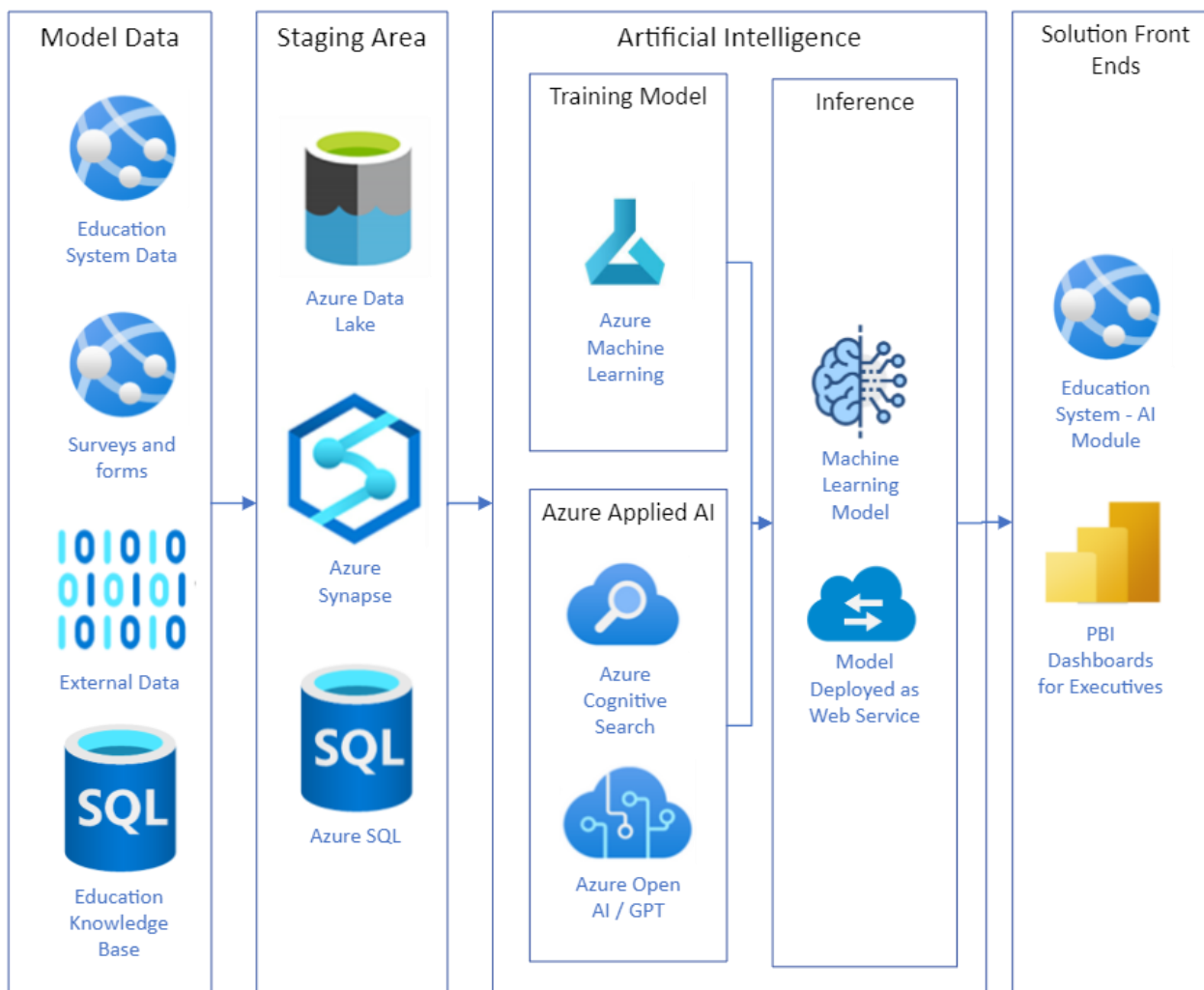
### TOP 10 INTERNSHIP PROVIDERS

1. Amazon	600
2. Intel Corporation	542
3. Economy	328
4. IBM	301
5. Google	277
6. Apple	231
7. Tesla	108
8. JPMorgan Chase & Co	95
9. Microsoft	42
10. Dell Technologies	40

### TOP 5 EMPLOYERS



# High level architecture



# Technologies Used

Technologies	Description
Azure SQL Database	Used to store the Education institute data and with Knowledge base.
Azure Data Lake*	Used to collect all the data from all the sources into a unified data repository, ready to be processed/
Azure Synapse Analytics*	Used to process and aggregate the data to be ready for AI Training
Azure Machine Learning	Used to train and validate the AI Model based on the data collected.
Azure Cognitive Search	Used to understand the end user prompts and translate them into queries that can be executed across the data sources
Azure Open AI (GPT)	Used to process the data provided along with Knowledge base to process the request and return relevant outcomes.
Model Deployed as Web Service	Web API that receive data inputs and uses a chain of data and language processing using a combination of the Azure cognitive Search, Azure Open AI and the trained model to return predictions and simulations
Education System – AI Module(.NET Core)	An application that uses the AI Components (machine learning model, GPT, Cognitive search) to provide results and outcomes.
Power BI Dashboards	To Provide analytical dashboards backed up by the AI to visualize the outcome and analysis.
* Conditionally used, depending on the data size, number and type of data sources used to collect data, complexity of data cleansing, modeling and processing.	

**Thank you**