### The Path of Least Resistance After Graduation

Industry Career

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How to Prepare?

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## Outline

How to Prepare?

**Academic Career** 

**Industry Career** 

Personal Experience

▶ Examine your resume to identify gaps (Certification + Experience).

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- ► Explore relevant positions you could apply for on LinkedIn.

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- ► Identify current trends (Job fairs).

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## Relevant Certificates

▶ Microsoft Certified: Azure Data Scientist Associate.

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- ► AWS Certified Machine Learning Specialty.

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- ▶ Microsoft Certified: Azure Data Scientist Associate.
- ► AWS Certified Machine Learning Specialty.
- ► Teaching Assistant / Internship.
- ► Harvard Higher Education Teaching Certificate.

# **Exploring Positions**

▶ Data Scientist / Data Science Consultant.

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- ► IVADO/NSERC Postdoctoral Fellow.

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- Data Scientist / Data Science Consultant.
- ► IVADO/NSERC Postdoctoral Fellow.
- ► Assistant Professor (New Hires Only).

Current Trends

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▶ Meet & ask companies about their current projects.

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- ► Informational interviews (LinkedIn).

▶ A selection committee member that can vouch for you (Credibility).

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- Funding acquired or experience in writing funding proposals (Potential).
- A research vision statement (2 Ph.D. Projects) (Leadership).
- Conferences/talks/moderating/reviewing experience (Leadership).

## Academic Career Path Prerequisites

- ▶ A selection committee member that can vouch for you (Credibility).
- Minimum 10 submitted/published papers (Credibility).
- ► Funding acquired or experience in writing funding proposals (Potential).
- ► A research vision statement (2 Ph.D. Projects) (Leadership).
- Conferences/talks/moderating/reviewing experience (Leadership).
- ▶ Teaching and course creation experience (Teaching).

▶ Pre-interview selection (Normally 10 Candidates, questions about your vision).

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▶ On campus interview (presentation + conversations with the faculty).

# Industry Career Path Prerequisites

▶ An industry connection that can vouch for you (Credibility).

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▶ Online portfolio & example projects (Credibility).

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- Online portfolio & example projects (Credibility).
- ► Professional certification (Credibility).

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## Industry Career Path Prerequisites

▶ An industry connection that can vouch for you (Credibility).

- Online portfolio & example projects (Credibility).
- Professional certification (Credibility).
- ▶ Work experience (Team player and good communicator).

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▶ Pre-interview selection (Normally 5 Candidates).

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- ▶ Behavioural interview (Behavioural Interviews for Software Engineers)

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► Technical interview (Prev.: take home, Now: share your screen).

▶ Need to learn some of the essential tools (MLOPs, deployment, branching).

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Effective communications can make you stand out.

▶ Need to learn some of the essential tools (MLOPs, deployment, branching).

- Effective communications can make you stand out.
- ▶ Be good and respectful to your teammates.