OMAR ABDEL HAQ

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EDUCATION

Harvard University, School of Engineering & Applied Sciences　　Cambridge, MA
S.M. in Computational Science & Engineering.　　*05/2024*

Harvard College　　Cambridge, MA
A.B. in Statistics, Secondary in Economics. *Cum Laude.*　　*05/2024*

EXPERIENCE

Predoctoral Research Fellow　　*06/2024 – present*
Harvard Business School

- Research assistant for Professors Katherine Coffman & Joshua Schwartzstein.

Data Science Intern　　*06/2023 – 08/2023*
basys.ai

- Built models to improve physical therapy pre-approval and assess its impact on outcomes and costs.

Consultant & Testing Coordinator　　*08/2020 – 09/2021*
Pioneers Baccalaureate School

- Automated tracking of skills across 8 subjects and led ministerial graduation requirement reforms, cutting required tests to 5 while upholding academic standards.
- Enrolled the school in the AP Program and secured designation as both an AP course provider and an SAT weekend test center.
- Led an after-school elementary English program for disadvantaged children.

WORKS IN PROGRESS

Revealing Life Preferences Through LLMs,
with Amitabh Chandra, Tomas Jagelka, Erzo F.P. Luttmer, and Joshua Schwartzstein.

Don't Judge a Book by Its Cover: Differential Learning on Amazon.

TEACHING

Undergraduate, Graduate & Executive Teaching Fellowships at Harvard University

(Executive) Applying LLMs in Practice	*Spring 2025*
(Graduate) Advanced Topics in Data Science	*Spring 2025, Spring 2024*
(Graduate) Introduction to Data Science	*Fall 2025, Fall 2024, Fall 2023*
(Undergraduate) Introduction to Linear Models	*Fall 2023*
(Undergraduate) Introduction to Computer Science	*Summer 2024, Summer 2023, Summer 2022*

PROFESSIONAL SERVICE

Referee: *American Economic Review.*

Other Activities

Cabot House, Harvard College, *House Aide*	*06/2024 — present*
Campus UNICEF Chapter, *Operations & Logistics Lead*	*09/2021 — 05/2023*
The Harvard Crimson, *Senior Reporter*	*10/2020 — 01/2023*

Skills

- **Programming**: Python, R, C/C++.
- **Web & Database Tools**: HTML, CSS, JavaScript, MySQL.
- **Languages**: Fluent in English, Arabic, and Russian.