ROHIT A. ACHARYA

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EXPERIENCE

Common Good Labs, Pittsburgh, PA

Partner   *Jan. 2019 - Present*

- Helping mission-driven organizations find new solutions that improve people's lives and communities. Domains of expertise include:
    - Development of in-house analytics capabilities for new products, streamlining operations, and one-off strategic initiatives.
    - Designing and executing proofs of concept for data projects to identify feasibility and value.
    - Creation of compelling data narratives and visualizations for broad audiences.
    - Advisory on best data practices and strategies regarding hiring, infrastructure, algorithm development, and operationalization.
    - Quantitative approaches to policy research, especially focusing on poverty, social impact, entrepreneurship, and education.
- Recent projects include researching poverty and displacement in American neighborhoods using quantitative methods, using network analysis of social media to identify drivers of entrepreneurship in the United States, creating ready-to-deploy credit risk models for online lenders, optimizing operations for vendors, and training research departments on data science best practices.
- Recent partners include the Heron Foundation, Teach for America, Brookings Institution, Center for American Entrepreneurship, and Accion Opportunity Fund.
- Research has appeared in NBC News, The Boston Globe, NPR's Planet Money, and several other national publications.

First Access, New York, NY

Co-Founder & Chief Data Scientist   *Oct. 2013 - Dec. 2018*

- Designed and implemented new lending solutions in emerging markets by creating products and financial platforms using predictive analytics based on data from financial institutions, mobile devices, utilities, and other non-traditional sources.
- Directed global business strategy, product innovation and development, machine learning and data engineering development, and advisory services for clients on operational strategy and implementation.
- Created dozens of credit scoring models to predict risk, identify fraud, and handle missing data or poor data quality using a wide range of machine learning techniques.
- Promoted fintech and data science as a regular speaker at World Bank, G20, and leading universities.

Bridgewater Associates, Westport, CT

Associate, Portfolio Generation   *Oct. 2011 - Oct. 2013*

- Managed trade generation and risk allocation for a $150 billion portfolio across Pure Alpha, All Weather, benchmark, and client-specific strategies.
- Created and implemented new investment logic to generate trades systematically across many asset classes, minimize counterparty risk, manage cash, and optimize mix of securities.

Oliver Wyman, New York, NY

Senior Consultant, Financial Services   *Jan. 2009 - Sep. 2011*

- Advised leading financial institutions on evolving market structures, economics, risk management, and strategic and regulatory trends across all segments of the financial services sector.
- Projects included creating a new product suite for a major life insurer, developing turnaround strategy for a multi-billion dollar portfolio of delinquent loans, expanding the footprint of insurance brokers in Asia, and conducting due diligence for several private equity investments.

Credit Suisse, New York, NY

Summer Analyst, Alternative Investments   *Jun. 2007 - Aug. 2007*

- Researched funds for inclusion in discretionary portfolio and performed risk management on existing positions.

Harvard University, Cambridge, MA
Research Assistant, Economics Department *Mar. 2006 - Oct. 2007*
- Created models articulating the relationship between fiscal-monetary policy mix and social welfare.

Parliament of the Federal Republic of Germany (Deutscher Bundestag), Berlin, Germany
Intern, Office of Andrea Nahles, MdB *Jun. 2006 - Aug. 2006*
- Researched and presented policy recommendations on minimum wage and education reform.

EDUCATION

Harvard University, Cambridge, MA
Bachelor of Arts, *cum laude*, in Applied Mathematics *Sep. 2004 - Jun. 2008*

Certifications: Chartered Financial Analyst (CFA)

AFFILIATIONS

Environmental Charter School, Pittsburgh, PA
Treasurer *Aug. 2024 - Present*
Board Member *Sep. 2023 - Present*
- Public, tuition-free K–12 charter school that grows active, engaged, empathetic citizens who are critical thinkers and purposeful agents of change through an innovative, eco-literacy-based curriculum.

New Sun Rising, Pittsburgh, PA
Board Member *Apr. 2023 - Present*
- Non-profit collaborating with Western Pennsylvania communities and organizations to build capacity, access funding, and embrace data-informed approaches towards their own vibrant future.

City Lore, New York, NY
Board Member *Feb. 2013 - Present*
- Non-profit dedicated to fostering and preserving New York City arts and urban folklore.

PUBLICATIONS

Acharya, Rohit A., Rhett Morris. "Reducing poverty without community displacement: Indicators of inclusive prosperity in U.S. neighborhoods." *Brookings Institution*. September 13, 2022.

Acharya, Rohit A. et al. "Improving Major League Baseball Park Factors." *Journal of Quantitative Analysis in Sports*. Volume 4, Issue 2, Article 4. 2008.

SELECTED SPEAKING ENGAGEMENTS

Acharya, Rohit. "Helping neighborhoods reduce poverty without displacement." Brookings Institution. Washington, DC. 20 September 2022.

Acharya, Rohit. "Advancing Financial Inclusion Using Big Data." Impact Capital Forum. New York, NY. 11 October 2018.

Acharya, Rohit. "Credit Scoring Lessons for Microfinance Institutions." World Bank. Washington, DC. 12 June 2017.

Acharya, Rohit. "Fintech Companies involved in Data Analytics: Business Models, Challenges, and Opportunities." Inter-American Development Bank. Washington, DC. 14 March 2017.

Acharya, Rohit. "Analytics and Blockchains for Mission-Driven Financial Institutions." MIT Media Lab. Cambridge, MA. 18 October 2016.

Acharya, Rohit. "Fintech Innovation - Accelerating Accessibility for All Africans to Basic Financial Services." 18th Annual African Business Conference. Harvard Business School. Cambridge, MA. 26 February 2016.

Acharya, Rohit. "Data Driven Innovation." Responsible Finance Forum. Global Partnership for Financial Inclusion. Antalya, Turkey. 9 July 2015.

AWARDS AND HONORS

Pittsburgh 40 Under 40 Honoree

Issued by Pittsburgh Magazine & PUMP   *Aug. 2024*

- Every year, PUMP teams up with Pittsburgh Magazine to honor 40 outstanding people under the age of 40 whose creativity, vision, and passion enrich the Pittsburgh region.

LANGUAGES

Native English speaker and conversant in German (intermediate), Spanish (intermediate), Hindi (elementary), and Konkani (advanced).