

## Dr. Aeraj ul Haque

Associate

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Chicago

Patent Counseling and Prosecution

Patent Counseling and Prosecution – Life Sciences

Software

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Aeraj's practice covers patent preparation and prosecution, portfolio development, product clearance, freedom-to-operate (FTO) analysis, landscape analysis, and intellectual property due diligence in venture capital investment and M&A deals. He offers an interdisciplinary background in mechanical, agricultural and biological engineering, with a broad knowledge of business development, entrepreneurship, patent analysis, patent drafting and IP due diligence. He is extensively experienced in climate tech, battery tech, grid transmission and storage, chemical and manufacturing processes, oil and gas, software, artificial intelligence, fintech, agtech, materials, nanotechnology, semiconductor devices, detectors, microfluidics, medical devices, automotive tech, vehicle automation, vehicle-to-vehicle communication, controls, drug delivery, biomedical diagnostics and therapeutics, and wearable biosensors.

Aeraj has developed responses to US and international office actions, third-party letters to the US Patent and Trademark Office (USPTO) for interference proceedings, information disclosure statement (IDS) documents, declarations and appeals, performed patentability FTO analysis, and IP due diligence on venture and M&A deals.

Before joining Cooley, Aeraj was a senior patent agent at an international law firm. He performed prior art searches and analyzed results for patentability, invalidity and FTO-related matters. He also supported attorneys in organizing evidence for IP litigation.

In 2016, Aeraj cofounded and assumed a senior position at the Chain Reaction Innovations entrepreneur fellowship program at Argonne National Laboratory. There, he developed strategic initiatives, built research programs, led efforts to select startups for participation in the incubator, mentored entrepreneurs, and built partnerships with private investors and the venture community to support the startups. He also was the cofounder and chief technology officer of a veterinary diagnostic startup, and he brings his passion for entrepreneurship in developing IP strategies for early- to late-stage startups that best align with their business strategy.

## Education

Loyola University Chicago School of Law  
JD, 2022

Purdue University, West Lafayette  
PhD, 2010

Purdue University, West Lafayette  
MS, 2006

NED University of Engineering and Technology, Pakistan  
BS, 2002

## Admissions & Credentials

Illinois

Registered to practice before the United States Patent and Trademark Office (USPTO)

## Memberships & Affiliations

Alpha Sigma Nu Jesuit Honor Society