



Noah K. Tilton

Partner

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Noah K. Tilton is a computer scientist and patent attorney whose practice is focused on providing intellectual property guidance to companies innovating in cutting-edge software and hardware technologies. Noah prosecutes domestic and international patent applications, conducts analyses and prepares opinions, and advises clients on litigation matters.

Prior to joining Marshall Gerstein, Noah was in-house patent counsel for the Wolfram companies and also worked as a software developer at CME Group and as an intern at the Free Software Foundation. Noah's deep practical experience in the software industry helps him to quickly grasp technical concepts and work effectively with inventors and counsel to advance and capture ideas. Noah has successfully secured patents and other intellectual property for university clients, early stage startups, research institutions and Fortune 100 companies.

Noah is a multidisciplinary practitioner who enjoys the challenge of learning new technologies and applying the ideas of computation to concepts spanning many fields (e.g., machine learning/AI, bioinformatics, cloud computing, cryptography, medical devices, sporting goods, etc.). He regularly counsels clients regarding free/open source software copyright issues.

In 2021, Noah was selected for inclusion in the *Illinois Rising Stars*[®] lists, featuring outstanding young attorneys in the state.



Practices

- Patent Prosecution
- Copyrights
- Trademarks

Industries

- Artificial Intelligence
- Blockchain & Cryptocurrency
- Electrical & Computer Technologies
- Entrepreneurship, Startups & Emerging Companies
- Industrial & Mechanical Technologies
- Insurance & Financial Services
- Internet & Cyberlaw
- Metaverse

Representative Experience

Patent Preparation and Prosecution

Noah's recent patent preparation and prosecution experience includes work in fields such as video large language models, augmented reality, bioinformatics, building automation, cloud/distributed computing, control systems, computational linguistics/natural language processing, computer vision, cryptography/secure computing, decentralized identity, e-commerce, functional programming, hardware, imaging, machine learning (applied and theoretical), medical devices, precision agriculture, rotational spectroscopy and more.

Technology Transactions and Due Diligence

- Prepared freedom-to-operate/due diligence legal memoranda for M&A transactions.
- Prepared legal memoranda regarding use, modification, and distribution of several thousand Free/Open Source Software (FOSS) packages included in industrial products.
- Prepared legal memorandum regarding contested inventorship involving university faculty.
- Prepared legal memorandum regarding issues and risks surrounding the training of generative artificial intelligence models using copyrighted data.

Background and Credentials

Noah earned his J.D. from Chicago-Kent College of Law, and he also holds a Master of Science in Computer Science from the University of Chicago, and a Bachelor of Arts in English from the University of Illinois at Chicago.

Education

- University of Chicago (M.S.)
 - Computer Science
- Chicago-Kent College of Law, Illinois Institute of Technology (J.D.)
- University of Illinois at Chicago (B.A.)
 - English, Creative Writing of Poetry

Bar Admissions

- Illinois
- U.S. Patent and Trademark Office

Publications and Presentations

March 26, 2025

"Navigating AI's Impact on Life Sciences and Patent Law"

Life Science Leader

October 2, 2024

"Current Trends in Intellectual Property and Patent Law"

Research Triangle Area Chapter – Association of Corporate Counsel CLE

July 18, 2024

"When Consumer Protection, Unfair Trade Practices, and AI Collide"

Life Science Leader

October 2022

"Federal Circuit & SCOTUS Patent Law Update: Thaler v. Vidal; WhitServe LLC v. Dropbox, Inc.; Worlds, Inc. v. Activision Blizzard, Inc.; Am. Axle & Mfg., Inc. v. Neapco Holdings LLC; and Interactive Wearables LLC v. Polar Electro Oy"

October 2021

"Federal Circuit & SCOTUS Patent Law Update: Minerva Surgical Inc. v. Hologic, Inc.; U.S. v. Arthrex, Inc.; and Mylan v. Janssen, 2021"

October 23, 2020

"So Long, and Thanks for All the Fish"

PTABWatch Blog

September 17, 2019

"Patenting Software & AI Inventions"

August 29, 2018

"PTAB Properly Applied the Printed Matter Doctrine"

PTABWatch Blog

April 20, 2018

"Claim Term Read Out by PTAB Constituted "Harmless Error"

PTABWatch Blog

Community and Professional Involvement

In recent years, Noah has volunteered with the Willis for Heroes Foundation and Little League International. He is also a member of the Artificial Intelligence and New Emerging Technologies Committee within the Intellectual Property Owners Organization. Noah is also a member of the Association for Computing Machinery.