

Steven Gore

PATENT AGENT

Patents and
Innovations
Boulder

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FOCUS AREAS

Artificial Intelligence and
Machine Learning

Diagnostics, Life Science
Tools, and Deep Tech

Intellectual Property

Life Sciences

Patents and Innovations

EXPERIENCE

Steven Gore is a patent agent in the Boulder office of Wilson Sonsini Goodrich & Rosati, where his practice focuses on intellectual property particularly at the intersection of the life science and artificial intelligence.

Prior to joining the firm, Steven completed his Ph.D. in biology focusing on developing AI models for disease detection using epigenomic data. During this time, he developed models capable of detecting multiple cancers and multiple non-infectious diseases from a myriad of human tissue samples. In addition to this work, he developed a novel architecture to discover informative concepts learned by generative models to better explain the model's behavior.

Steven served in the United States Air Force from 2002-2006 where he was stationed at Eglin AFB as an air armaments systems specialist. There, he maintained munitions systems and loaded munitions on the F-15A-E and A-10 airframes. During that time he also worked closely with engineers from various government DoD contractors to assist in the development of standards and practices for the loading of new, experimental munition. Steven was a part of the 2003 load crew of the year.

CREDENTIALS

Education

- Ph.D., Biology, University of North Texas, 2023
First Place for 3 Minute Thesis, 2019
- B.S., Biology, University of North Texas, 2010

Admissions

- U.S. Patent and Trademark Office

INSIGHTS

Select Publications

- Co-author with R.K. Azad, "CancerNet: a unified deep learning network for pan-cancer diagnostics," 23(1) *BMC Bioinformatics* 1-17, 2022

TECHNICAL FLUENCY

Biological Sciences and Biotechnology

- Cancer biology
- Cancer therapeutics
- Epigenetics

- Genetics
- Genomics
- Molecular biology
- Molecular genetics

Therapeutics and Drug Discovery

- CRISPR
- Drug conjugates
- Drug delivery
- Gene editing
- Gene therapy
- RNA interference (RNAi)
- Vaccines

Diagnostics and Medical Devices

- Bioinformatic
- Diagnostics
- Medical imaging

Engineering and Technology

- AI
- Computer science
- Machine learning

Genomics and Data Analysis

- Bioinformatics algorithms
- Computational biology
- Functional genomics
- Next-generation sequencing
- Sequencing
- Single-cell sequencing

Miscellaneous

- Cancer