

Amanda Stent

AI & NLP Leader | PhD Computer Science

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SUMMARY

Senior AI and NLP leader with 20+ years spanning industry, research, and academia. Track record of setting AI strategy at scale, leading high-performing research and engineering teams, and translating cutting-edge NLP into real-world products. ACL Fellow. 100+ publications, 30+ patents. Deep commitment to responsible and inclusive AI development.

EXPERIENCE

- Head of AI Strategy & Research, Chief Technology Office** May 2024 – Present
Bloomberg L.P. — London, UK
- Own Bloomberg's AI technology and research strategy across the CTO organisation.
 - Lead technical product managers responsible for AI infrastructure, platforms and services.
 - Manage research strategists overseeing academic outreach, strategic partnerships and research agenda.
 - Established and scaled Bloomberg's responsible AI function.
- Inaugural Director, Davis Institute for AI** Oct 2021 – May 2024
Colby College — Waterville, ME
- Founded and led Colby's interdisciplinary AI institute, establishing it as a national leader in liberal-arts AI education.
 - Managed postdoctoral associates, staff and research programmes; designed and taught multiple AI courses.
 - Secured NSF funding (co-PI, \$1.6M+) for widening participation in computing research.
- Team Lead, People & Language AI / NLP Architect, CTO** Aug 2016 – Aug 2021
Bloomberg L.P. — New York, NY
- Served as company-wide NLP Architect, ensuring consistency of NLP work across Bloomberg.
 - Technical product manager for Bloomberg's NLP platforms; developed new NLP-driven enterprise products.
 - Led team of architects across human computation, ontologies and recommender systems.
 - Designed and delivered NLP courses for engineers and data scientists.
- Principal Research Scientist & Research Director** Sep 2013 – Jul 2016
Yahoo Labs — New York, NY
- Directed research groups in summarisation, discourse, multilingual NLP, dialog, and video processing.
 - Provided strategic NLP and speech guidance to business units; represented Yahoo at technical and government forums.
- Principal Member of Technical Staff** Aug 2007 – Sep 2013
AT&T Labs–Research — Florham Park, NJ
- Conducted applied and basic research in dialog systems, NLG, NLU, interactive data exploration and assistive technology.
 - Mentored graduate student interns; delivered invited presentations to technical, business and government audiences.
- Assistant / Associate Professor, Computer Science** Jan 2002 – Aug 2009
Stony Brook University — Stony Brook, NY
- Founded and led NLP research group (6–9 researchers annually); supervised 5 PhD and 16+ MS students.
 - Secured \$4.5M+ in competitive NSF and DARPA funding.
 - Created interdisciplinary computational linguistics graduate programme.

EDUCATION

- PhD, Computer Science** University of Rochester 1996–2001
- BA, Mathematics & Music (Summa cum laude)** Houghton College 1992–1996
- Year Abroad** University of Edinburgh 1994–1995

HONOURS, AWARDS & LEADERSHIP

- ABET Commissioner (2021–2024).
- ACL Fellow (2022) — elected for foundational contributions to NLP and dialog systems.
- CRA-WP Board Co-Chair (2021–2024) — led initiatives broadening participation in computing.
- Founding Co-Editor-in-Chief, ACL Rolling Review (2021–2022).
- Mainer of the Year — Maine Magazine (2022).
- National Academies Committee on Responsible Computing Research (2020–2022).
- Program Co-Chair, HLT-NAACL (2018).
- Data Science Professional of the Year — Waters Technology & Data Science Awards (2019).
- President, SIGdial (2013–2017).

RESEARCH OUTPUT

100+ peer-reviewed publications in NLP, dialog systems, summarisation, and responsible AI (ACL, EMNLP, NAACL, CVPR, AAAI and more). **30+ granted US patents** covering NLP platforms, dialog modelling, summarisation, multilingual NER, and speech systems.