

# Graham Morehead

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629 North Iron Court #101, Spokane, WA, 99202 / 617-970-9688 / graham.morehead@gmail.com

<b>OVERVIEW</b>	Teaching and leading teams addressing unsolved problems in AI
<b>EDUCATION</b>	<b>Master's Degree</b> , Computer Science, University of Maine, Orono, ME, May 2014 <b>Graduate courses</b> , Cognitive Science, Machine Learning, Harvard University, 2004, 2006 <b>Bachelor of Science</b> , Physics, Boston University, Boston, MA, May 1995 <b>Exchange program</b> , Physics, Universidad Autónoma de Madrid, Spain, 1992-1994
<b>EXPERIENCE</b>	<b>Founder / CEO</b> Aug 2022 – present Pangeon, Spokane, WA <ul style="list-style-type: none"><li>• Launching AI startups (e.g. intellipat.ai)</li></ul> <b>Co-Founder &amp; Distinguished Member of Technical Staff</b> April 2023 – present PureCipher <ul style="list-style-type: none"><li>• Novel AI Algorithms</li></ul> <b>Professor</b> August 2021 – present Gonzaga University, Spokane, WA <ul style="list-style-type: none"><li>• Teaching AI, ML, NLP, and project classes</li></ul> <b>Co-Founder / CTO</b> August 2020 – present Ziotag, New York, NY <ul style="list-style-type: none"><li>• AI to Chapterize and contextualize raw video</li></ul> <b>CTO</b> June 2020 – Sept 2025 Topologe, Fairfax, VA <ul style="list-style-type: none"><li>• Bringing the best AI from academia to bear on government interests</li></ul> <b>Principal Research Scientist</b> September 2019 – August 2022 Aon PLC, Spokane, WA <ul style="list-style-type: none"><li>• Led team building AI to change the way markets leverage intellectual property</li></ul> <b>Senior Computational Data Scientist</b> February 2018 – August 2019 CloudMedx Inc., Palo Alto, CA <ul style="list-style-type: none"><li>• Building the AI Doctor of the future</li></ul> <b>Senior Computational Linguist</b> December 2016 – January 2018 Protagonist Technology (FKA Monitor 360), San Francisco, CA <ul style="list-style-type: none"><li>• NLP to analyze the underlying narratives behind news reports, blogs, and other sources</li></ul> <b>Co-Founder &amp; CTO</b> November 2015 – November 2016 Gram Labs, Inc, Arlington, VA <ul style="list-style-type: none"><li>• Led team building AI to mimic human interaction: text, speech, voice, animations</li></ul> <b>Federal Solutions Engineer</b> March 2015 – June 2016 Basis Technology, Herndon, VA
	<b>IT Manager</b> September 2012 – March 2015 R. H. Foster Energy LLC, Hampden, ME <ul style="list-style-type: none"><li>• Managed IT team/infrastructure at 400-person company oil company</li></ul>
	<b>Research / Teaching Assistant</b> September 2009 – July 2012 University of Maine, Orono, ME

<b>Software Developer</b> Emergent Music LLC, Portland, ME	October 2008 – August 2009
<b>Research Engineer: Dragon Naturally Speaking</b> Nuance, Burlington, MA	October 2003 – October 2008
<b>Integration Engineer</b> Totalcom Solutions Inc., Topsfield, MA	September 2002 – September 2006
<b>Co-Founder &amp; Vice President, Research &amp; Development</b> SuperWings Inc., Topsfield, MA • Led team building Mobile apps for early devices (pre-iPhone)	July 1999 – July 2002
<b>Information Model Engineer</b> Software Emancipation Technology	August 1998 – July 1999
<b>Phoneticist</b> Applied Language Technologies, Cambridge, MA	February 1997 – August 1998
<b>Research Assistant</b> Mass General Hospital NMR Center, Charlestown Navy Yard, MA	part-time 1998
<b>Multinational Channel Support</b> PictureTel Corporation, Danvers, MA	September 1995 – June 1996

<b>TEDx Talks</b>	<a href="#">Why can't AI 'think' like us?</a> <a href="#">Save the Urchin Fishery with this One Weird Trick!</a> <a href="#">The Slings and Arrows of School and Career</a> <a href="#">Save the Urchins ... for TEDxYouth</a> <a href="#">Complexity is not Complicated</a>
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<b>TECHNICAL ADVISING</b>	Loxz Digital, San Francisco, CA Jan 2023 – Dec 2023 BioLogic Health, San Francisco, CA October 2017 – May 2018 Hungry Marketplace, Arlington, VA May 2017 – May 2018 Repperio, Arlington, VA March 2017 – March 2018 <a href="#">ATARC Big Data Innovation Lab, Washington, DC</a> Sept 2015 – Dec 2015 Oaktree Development, Washington DC February 2015 – May 2018 SizeSeeker (AKA FitValet.com), New York, NY July 2012 – December 2012
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<b>PATENTS</b>	<a href="#">7,817,423</a> : Peltier-assisted liquid-cooled computer enclosure <a href="#">9,940,321</a> : System for Machine Translation <a href="#">10,719,668</a> : System for Machine Translation <a href="#">11,676,058</a> : System and Method for Artificial Intelligence
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<b>MISC</b>	Graduate Thesis : <a href="#">"A Complex-Systems Approach to Simulating the Sea Urchin Ecology"</a>  "Modeling fine scale urchin and kelp dynamics: Implications for management of the Maine sea urchin fishery" : <a href="#">Fisheries Research</a>  "Costly information and the evolution of self-organization in a small, complex economy" <a href="#">Journal of Economic Behavior &amp; Organization</a>  Blog (in association with <i>Nature</i> ) <a href="#">"A Mad Hemorrhage"</a>
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