




Dereck Piche




CURRICULUM VITAE

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ACADEMIC BACKGROUND

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|  | PhD in Computer Science
<i>Mila & University of Montreal</i>
Advised by Aaron Courville. | January 2026 – Present |
|  | Research Master's in Computer Science
<i>Mila & University of Montreal</i>
Advised by Aaron Courville. | January 2024 – December 2025 |
|  | Honors Bachelor's in Computer Science
<i>University of Montreal</i>
Honors thesis on Tensor Network Compositions under the supervision of Guillaume Rabusseau.
Took quite a few applied math classes. | January 2021 – December 2023 |
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PROFESSIONAL EXPERIENCE

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|  | Teaching Assistant
<i>African Institute of Mathematical Sciences — Cape Town, South Africa</i>
Invited by DeepMind staff to be a teaching assistant for the <i>Science of Large Language Models</i> summer school. | April 2025 |
|  | Tutor
<i>DIRO — University of Montréal</i>
Employed by the department of computer science and operations research to help bachelor students across all of their classes. | January 2024 – April 2024 |
|  | Deep Learning Engineer
<i>GPR Geophysics</i>
Internship on a large-scale deep learning geophysics project. Also did computer graphics work to help generate synthetic training data. | May 2023 – August 2023 |
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