

Emily LeBlanc

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SKILLS

RESEARCH INTERESTS

PROMPT ENGINEERING & LLMs
KNOWLEDGE REPRESENTATION
ACTIONS AND CHANGE
QUESTION ANSWERING
NATURAL LANGUAGE PROCESSING

WRITING

PROMPT ENGINEERING
SCIENTIFIC LITERATURE
SOFTWARE DOCUMENTATION
RESEARCH PROPOSALS

SELECTED LANGUAGES

PYTHON
HTML
CSS
JAVASCRIPT

WORD PROCESSING

MS OFFICE
L^AT_EX
MARKDOWN
WORDPRESS

VISUALIZATION

TECHNICAL ILLUSTRATION
D3.JS
POWERPOINT

EDUCATION

DREXEL UNIVERSITY

PHD, COMPUTER SCIENCE
FOCUS: ARTIFICIAL INTELLIGENCE
June 2019 | Philadelphia, PA

DREXEL UNIVERSITY

MASTER OF SCIENCE, COMPUTER
SCIENCE
June 2017 | Philadelphia, PA

TEMPLE UNIVERSITY

BACHELOR OF SCIENCE, COMPUTER
SCIENCE
May 2013 | Philadelphia, PA

WORK HISTORY

REMOTASKS

PHD DATA PARTNER (CONTRACT)

June 2023 - present | San Francisco, CA (remote)

- Helping train generative AI models in math, science, and coding.
- Tapped for special projects in prompt development and quality review.
- Continuation of work with Scale AI.

SCALE AI

PHD DATA PARTNER (CONTRACT)

March 2023 - June 2023 | San Francisco, CA (remote)

- Helping train generative AI models primarily math, science, and coding.
- Tapped for special projects in prompt development and quality review.

INDEPENDENT

RESEARCH AND DEVELOPMENT

January 2022 - March 2023 | Alexandria, VA

- Exploring AI techniques for augmenting domain expertise.
- Developing approaches and software prototypes.

U.S. NAVAL RESEARCH LABORATORY

COMPUTER SCIENTIST · KARLES FELLOW

November 2019 - November 2021 | Washington D.C.

- Performed basic research in the Interactive Systems section of the Navy Center for Applied Research in Artificial Intelligence (NCARAI).
- Produced scientific papers, reports, research proposals, software documentation, and online tutorials.

DREXEL UNIVERSITY

PHD CANDIDATE · RESEARCH ASSISTANT · TEACHING ASSISTANT

July 2013 - Jun 2019 | Philadelphia, PA

- Researched and developed a novel, logic-based causal reasoning framework, and software implementation.
- Produced scientific papers and articles, research proposals, software documentation, educational content, and patent applications.

HIGHLIGHTED PUBLICATIONS

- **Explaining Actual Causation via Reasoning about Actions and Change.** Emily LeBlanc, Marcello Balduccini, Joost Vennekens. 16th edition of the European Conference on Logics in Artificial Intelligence (JELIA 2019), 2019.
- **Action-Centered Information Retrieval**, Marcello Balduccini, Emily LeBlanc. Theory and Practice of Logic Programming Journal, 2019.