

# Emily LeBlanc

Alexandria, VA

[eleblanc@protonmail.com](mailto:eleblanc@protonmail.com)

## SKILLS

### WRITING

PROMPT ENGINEERING  
SCIENTIFIC PAPERS AND ARTICLES  
SOFTWARE DOCUMENTATION  
RESEARCH PROPOSALS  
EDUCATIONAL CONTENT  
PATENT APPLICATION

### WORD PROCESSING

MS OFFICE AND  $\text{\LaTeX}$   
MARKDOWN AND RST  
WORDPRESS

### VISUALIZATION

TECHNICAL ILLUSTRATION  
D3.JS AND SEABORN

### SELECTED LANGUAGES

HTML/CSS  
JAVASCRIPT  
PYTHON

### REMOTE SKILLS

TIME MANAGEMENT  
SELF-MOTIVATION  
DIGITAL COMMUNICATION  
ORGANIZATION

## 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

### SCALE AI

PHD DATA PARTNER (CONTRACT)  
March 2023 - present | San Francisco, CA (remote)

- Helping train generative AI models.

### INDEPENDENT

SOFTWARE DEVELOPER  
January 2022 - present | 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.

### GE GLOBAL RESEARCH

GRADUATE RESEARCH INTERN  
Summer 2015 and 2016 | Niskayuna, NY

- Developed Natural Language Processing tools for linguistic health record analysis and aviation software.

## HIGHLIGHTED PUBLICATIONS

- Towards a Model of the Dynamics of Norm-guided Blaming**, Emily LeBlanc. 34th International Workshop on Qualitative Reasoning, 2021.
- 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.



VISIT WRITING PORTFOLIO  
[github.com/eleblanc-ai/writing-portfolio](https://github.com/eleblanc-ai/writing-portfolio)



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