

RESUME

Contact

richarddiehl@gmail.com
+1 (857) 253 9116

Languages

[English](#)
Mother tongue

[German](#)
Mother tongue

[Spanish](#)
Mother tongue

[French](#)
B2

[Chinese](#)
HSK 3

Programming

Python, JavaScript, C,
TensorFlow, PyTorch

Awards

Gates Cambridge
Scholarship
Best Undergraduate
Senior Thesis
Graduate Teaching
Assistant Award

Links

LinkedIn 

[Richard Diehl Martinez](#)

GitHub 
[rdiehlmartinez](#)

Website 

[richarddiehlmartinez.com](#)

Richard Diehl Martinez

Computer Science PhD Student

EDUCATION

Computer Science, PhD

09/2021 - present **University of Cambridge** UK
Natural Language Processing
Gates Cambridge Scholar

Computer Science, Masters GPA: 3.9/4.0

09/2018-03/2020 **Stanford University** USA
Artificial Intelligence and NLP

Management Science and Engineering, Bachelor of Science GPA: 3.8/4.0

09/2014-06/2018 **Stanford University** USA
Operations Research

EXPERIENCE

Work

03/2020-06/2021 **Amazon Alexa** USA
Applied Research Scientist
Constructed neural language models to personalize and improve Alexa's automatic speech recognition capabilities.

Research

09/2021-present **University of Cambridge NLP Lab** UK
Supervised by Paula Buttery
Research parameter-efficient pre-training techniques to bridge the performance gap between small and large language models.

09/2018-03/2020 **Stanford NLP Lab** USA
Supervised by Dan Jurafsky
Engineered specialized deep generative neural networks for detecting and correcting bias in news articles.

03/2018-09/2018 **Stanford AI Lab (SAIL)** USA
Supervised by Silvio Savarese
Implemented the emotion detection software used in JackRabbit, a self-navigating autonomous robot for pedestrian spaces.

Teaching

03/2018-12/2019 **Stanford Computer Science Department** USA
Teaching Assistant for Introduction to AI Course (CS 221)
Led discussion and review sections for over 300 undergraduate students.

SELECT PUBLICATIONS

12/2023 **Curriculum Learning for Infant-like Modeling of Language Acquisition**
CoNLL 2023 (Best Paper)
Diehl Martinez, Goriely, McGovern, Caines, Buttery, Beinborn

04/2023 **Meta-Learning for Pretraining Multi-Lingual Language Models**
HumanCLAIM Workshop 2023
Diehl Martinez, Caines, Buttery

09/2021 **Attention-based Contextual Language Model Adaptation for Speech Recognition**
Findings of ACL 2021
Diehl Martinez, Novotney, Bulyko, Rastrow, Stolcke, Gandhe