

# Liam Cripwell

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Website: <https://liamcripwell.com>

## EDUCATION

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### Université de Lorraine / CNRS

October 2020 - Present

PhD (Computer Science)

Topic: Controllable and Document-Level Approaches to Text Simplification

### Queensland University of Technology

November 2017

B.InfTech (Hons) - First Class

Overall GPA: 7.0/7.0

### Queensland University of Technology

November 2016

B.InfTech (Computer Science)

Minor in Laws

Overall GPA: 6.33/7.0

## WORK EXPERIENCE

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### CNRS

October 2020 - Present

*Doctoral Researcher*

*Nancy, FR*

- Carrying out NLP research and assisting with Summer School teaching.
- Leading organization of 2023 WebNLG Challenge Shared Task (Low-Resource Languages)

### Université de Lorraine

September 2021 - Present

*Teaching Staff*

*Nancy, FR*

- Giving lectures and workshops in systems design for the Cognitive Science and NLP Masters programs.

### Notiv

June 2019 - September 2020

*Machine Learning Engineer*

*Brisbane, AU*

- Building and deploying deep learning products for natural language and signal processing applications.

### Worldview Exchange

January 2018 - June 2019

*Software Engineer*

*Remote*

- Leading development of natural language processing and analytics system and web platform.

### Queensland University of Technology

November 2017 - January 2018

*Research Assistant*

*Brisbane, AU*

- Assisted with the data preparation and running of various information retrieval experiments.

### Queensland University of Technology

July 2017 - November 2017

*Sessional Academic*

*Brisbane, AU*

- Tutor for Programming Principles and IT Capstone Project.

### Australian e-Health Research Centre (CSIRO)

November 2016 - February 2017

*Research Intern*

*Brisbane, AU*

- Research internship in health search, developing methods for automated clinical query generation.

**Queensland University of Technology**

*Research Assistant*

July 2016 - November 2016

*Brisbane, AU*

- Design and implementation of social network information retrieval/recommender system for digital communities researchers.

**CSIRO**

*Research Intern*

November 2015 - February 2016

*Sydney, AU*

- Research internship focusing on the use of wearable technologies and persuasive interventions to assist in the management of an individual's UV exposure.

## TECHNICAL SKILLS

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<b>Programming Languages</b>	<i>Proficient:</i> Python, Scala, Javascript, C#, Java, R <i>Familiar:</i> Ruby, Haskell, F#, PHP, C, Go, Elm
<b>Databases</b>	MySQL, PostgreSQL, Elasticsearch
<b>Frameworks</b>	Django, Rails, Node/Express, React/Redux
<b>Tools</b>	Unix, Git, AWS, Numpy, Pandas, PyTorch, Spacy, Docker

## PUBLICATIONS

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**The 2023 WebNLG Shared Task on Low Resource Languages Overview and Evaluation Results (WebNLG 2023)** September 2023

*Workshop on Multimodal, Multilingual Natural Language Generation (MM-NLG)* *Prague, CZ*

**Context-Aware Document Simplification** July 2023

*Findings of the Association for Computational Linguistics: ACL 2023* *Toronto, CA*

**Document-Level Planning for Text Simplification** May 2023

*European Chapter of the Association for Computational Linguistics: EACL 2023* *Dubrovnik, HR*

**Controllable Sentence Simplification via Operation Classification** July 2022

*Findings of the Association for Computational Linguistics: NAACL 2022* *Seattle, USA*

**Discourse-Based Sentence Splitting** November 2021

*Findings of the Association for Computational Linguistics: EMNLP 2021* *Punta Cana, Dom. Rep.*

**Generating Clinical Queries from Patient Narratives** August 2017

*ACM - Special Interest Group on Information Retrieval (SIGIR) Conference* *Tokyo, Japan*

**Promoting UV exposure awareness with persuasive, wearable technologies** July 2016

*Health Informatics Society of Australia - Health Informatics Conference* *Melbourne, AU*

- Branko Cesnik Best Academic/Scientific Paper 2016

## REFERENCES

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**Dr. Claire Gardent** [claire.gardent@loria.fr](mailto:claire.gardent@loria.fr)

*Director of Research at CNRS* *Nancy, FR*

**Dr. Iain McCowan** [iain.mccowan@notiv.com](mailto:iain.mccowan@notiv.com)

*Director of AI at Dubber* *Brisbane, AU*

**Prof. Daniel Angus** [daniel.angus@qut.edu.au](mailto:daniel.angus@qut.edu.au)

*Professor at Queensland University of Technology* *Brisbane, AU*

**Dr. Bevan Koopman** [bevan.koopman@csiro.au](mailto:bevan.koopman@csiro.au)

*Research Scientist at AEHRC, CSIRO* *Brisbane, AU*

*Associate Professor at University of Queensland*