## KAROLIN IZABEL BOCZOŃ

#### M2 NLP Graduate

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Grenoble, FRANCE

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### VOCATIONAL EXPERIENCE

## Compositionality and Discourse Markers Intern

Feb 2023 - Aug 2023

Nancy, France

Research project in cooperation between **ATILF**, **LLF** & **LORIA**.

Topic: Text Mining for Discourse Markers

- · text annotation using transducers
- developing electronic dictionaries

# Research in Natural Language Processing Assistant Engineer / Staff

**Apr** 2019 - Aug 2021

Poznań, Poland

Research project in cooperation between **Samsung Electronics** & **Adam Mickiewicz University**.

Areas of work:

- dialogue simulation, virtualization, model evaluation
- data scraping, morphological dictionaries
- text processing, finite state automata, formal grammars

## RESEARCH ACTIVITY

## Language Modeling and Discourse Analysis seminar Participant

**Sep 2018 - Aug 2021** 

Poznań, Poland

Organized in the AI department of the Mathematics and Computer Science faculty.

Presentations given:

- A tool for computer analysis of forum discussion
- Extracting text from silly drawing. Text localisation and OCR in unstructured graphical documents
- Tokenization in unsegmented languages. Methods and ideas overview
- Categorial grammars

## 8th & 9th Language and Technology Conference Volunteer

May 2019, Nov 2017

Poznań, Poland

Helped with various tasks in the conference office and during the event.

### **EDUCATION**

M.Sc. in Natural Language Processing IDMC. Université de Lorraine

**2021 - 2023** 

Nancy, France

Completed 180 ECTS towards B.Eng. in Computer Science

WMI, Adam Mickiewicz University

**i** 2017 - 2021

Poznań, Poland

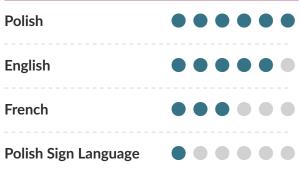
## **INTERESTS**

formal languages electronic dictionaries
sustainable engineering accessibility
computer vision for NLP

## TECH STACK



## **LANGUAGES**



A1 A2 B1 B2 C1 C2

## **HOBBIES**

j-fashion sewing needlework cello

### **PROJECTS**

Team projects realized during the master's program.

Captioning artworks: What can Al say about paint-

## ings?

#### **Supervised project**

duration of 8 months

Caption generation for a visual artistic prompt. Under the supervision of Bart Lamiroy (LORIA, UL).

Major contributions:

- developed a rule-based caption generator to be used as a baseline for the evaluation
- designed and conducted a survey for qualitative human evaluation

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## Detecting greenwashing in cosmetics branding

#### Management project

duration of 4 months

Evaluation of written advertisements of "green" cosmetics against their composition.

Major contributions:

- conceptualized and initiated the project
- developed the process for data collection
- formulated annotation guidelines

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#### TriviaNLQ

#### Software project

duration of 4 months

Web-application that utilizes text-to-SPARQL modeling to query a knowledge graph and answer trivia questions.

Major contributions:

- carried out dataset exploration
- automated the back-end setup