

# Gabriel Lima

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## RESEARCH INTERESTS

I am a computer scientist interested in understanding people's perception of Artificial Intelligence (AI) and how AI will morally and legally affect our society. I am currently working towards understanding how the general public assigns responsibility for the actions of AI and robots. My research's main objective is to identify and solve public contradictions (e.g., the punishment gap) on this topic so the public's opinion can be successfully embedded in policymaking.

## EDUCATION

### Korea Advanced Institute of Science and Technology (KAIST)

*Daejeon, South Korea, Feb. 2017 - Present*

Advanced B.S. in Computer Science.

### École Polytechnique Fédérale de Lausanne (EPFL)

*Lausanne, Switzerland, Sep. 2019 - Feb. 2020*

Exchange Semester at the School of Computer and Communication Sciences.

### Colégio Técnico de Limeira (COTIL) - UNICAMP

*Limeira, Brazil, Feb. 2013 - Dec. 2015*

Computer Science Technical High School.

## SELECTED PUBLICATIONS

### Explaining the Punishment Gap of AI and Robots

**Gabriel Lima**, Meeyoung Cha, Chihyung Jeon, Kyungsin Park.

Under Review. Preprint available on arXiv.

### Will Punishing Robots Become Imperative in the Future?

**Gabriel Lima**, Meeyoung Cha, Chihyung Jeon, Kyungsin Park.

ACM CHI 2020 - Late Breaking Works.

### Responsible AI and Its Stakeholders

**Gabriel Lima**, Meeyoung Cha.

Fair and Responsible AI Workshop - ACM CHI 2020.

### Robots for Class President: Children's Positions Toward AI Robot Rights

**Gabriel Lima**, Sungkyu Park, Meeyoung Cha.

Korea Computer Congress 2019 (KCC 2019).

### Speech Emotion Classification using Raw Audio Input and Transcriptions

**Gabriel Lima**, JinYeong Bak.

International Conference on Signal Processing and Machine Learning 2018 (SPML 2018).

**Received the Best Presentation Award.**

## WORK EXPERIENCES

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### **Data Science Group, Institute for Basic Science**

*Daejeon, South Korea, Jan. 2019 - Present*

Research Intern. Advisor: Meeyoung Cha.

### **School of Humanities & Social Sciences, KAIST**

*Daejeon, South Korea, Aug. 2018 - Dec. 2018*

Teaching Assistant of the English as a Foreign Language (EFL) Program.

## HONORS AND AWARDS

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### **KAIST School of Computing Dean's List**

*Fall Semester, 2018*

Received for outstanding academic achievement.

### **Best Presentation Award**

*Nov. 2018*

Received at the International Conference on Signal Processing and Machine Learning 2018 (SPML 2018).

## INVITED PRESENTATIONS

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### **Nokia Bell Labs Students' Day**

*Nov. 2019*

Invited to present the poster titled "*Exploring Electronic Legal Personhood Through the Eyes of the General Population.*"

## BLOG POSTS AND UNPUBLISHED MANUSCRIPTS

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### **Medium Posts**

The Growth of AI and Machine Learning in Computer Science Publications.

A Quick Analysis of Movie Duration Based on Its Genre and Rating.

My Spotify Playlists' Sentiment, Track Popularity and Genre Analysis.

### **Data Stories**

Analyzing Quality of Food Across Economic and Racial Groups in Chicago.

### **Unpublished Papers**

How Presidential Candidates and Parties Tweeted During the 2018 Brazilian Election.

## REFERENCES

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### **Meeyoung Cha**

Chief Investigator, Data Science Group, Institute for Basic Science

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### **Chihyung Jeon**

Assistant Professor, Korea Advanced Institute of Science and Technology

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