


# Stanford

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## Emil Biju

Masters Student in Electrical Engineering, admitted Autumn 2023

 Resume available Online

### Bio

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#### BIO

I am an M.S. in Electrical Engineering student at Stanford University and my research interests include interpretable machine learning, deep learning and NLP. For the last 2 years, I have been working at Microsoft as a Data and Applied Scientist in the Cybersecurity research team. Previously, I graduated with a Bachelors degree in Electrical Engineering and a minor in Deep Learning from the Indian Institute of Technology (IIT) Madras. During this time, I pursued research at the intersection of NLP and deep learning that led to publications in top conferences such as ACL, COLING and ALENEX.

#### HONORS AND AWARDS

- Dr. Dilip Veeraraghavan Memorial Award, IIT Madras (2021)
- Best Paper Honorable Mention, ACM CODS-COMAD (2021)
- KVPY Fellowship, Government of India (2017)
- NTSE Scholarship, Government of India (2015)

#### EDUCATION AND CERTIFICATIONS

- B.Tech, Indian Institute of Technology Madras , Electrical Engineering (2021)

#### LINKS

- Personal Webpage: <https://emilbiju.github.io>
- LinkedIn profile: [www.linkedin.com/in/emilbiju](http://www.linkedin.com/in/emilbiju)

### Professional

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#### WORK EXPERIENCE

- Data and Applied Scientist - Microsoft (June 2021 - September 2023)
- Data and Applied Scientist Intern - Microsoft (May 2020 - July 2020)
- Data Scientist Intern - GE Healthcare (May 2019 - July 2019)

### Publications

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#### PUBLICATIONS

- **Input-specific Attention Subnetworks for Adversarial Detection**  
Biju, E., Sriram, A., Kumar, P., Khapra, M. M., Assoc Computa Linguist  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2022: 31-44

- **Vocabulary-constrained Question Generation with Rare Word Masking and Dual Attention**  
Biju, E., ASSOC COMP MACHINERY  
ASSOC COMPUTING MACHINERY.2021: 431