

# Aadi Joshi

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Abu Dhabi, United Arab Emirates | [aadijoshi0@gmail.com](mailto:aadijoshi0@gmail.com)

## Education

**MOHAMED BIN ZAYED UNIVERSITY OF ARTIFICIAL INTELLIGENCE | PHD IN NATURAL LANGUAGE PROCESSING | AUG 2024 - ONGOING**

**NEW YORK UNIVERSITY | MASTER OF SCIENCE IN CYBERSECURITY | AUG 2021 - DEC 2023**

GPA: 4.0

**NEW YORK UNIVERSITY ABU DHABI | BACHELOR OF SCIENCE | AUG 2014 - MAY 2018**

Major: Computer Science

Minor: Applied Mathematics

GPA: 3.5

**INTERNATIONAL SCHOOL OF ULAANBAATAR | IB DIPLOMA | JAN 2011 - MAY 2014**

## Publications

### **PUBLISHED**

- F. Jensen, A. Joshi, and S. Ray. Discrete Helly type theorems. In *Proceedings of the 32nd Canadian Conference on Computational Geometry (CCCG)*, pages 332-335, 2020.

### **DRAFTS**

- A. Joshi, N. Micallef, B. He, M. Sandoval-Castañeda, S. Kumar, M. Ahamad, N. Memon. Understanding the Rhetoric Used in Unproven COVID-19 Treatment Misinformation and Counter-Misinformation.
- S. Mainul, B. He, N. Micallef, A. Joshi, S. Kumar, M. Ahamad, N. Memon. Attributing and Mitigating Concept Drift in Misinformation Detection through Active Learning-Enhanced Topic Adaptation.

## Work Experience

**RESEARCH ASSISTANT | NEW YORK UNIVERSITY ABU DHABI (NYUAD) – CENTER FOR CYBER SECURITY | JUL 2022 – ONGOING**

- Planned and executed research projects to combat the spread of misinformation on social media.
- Performed quantitative analysis on large datasets of millions of social media posts.
- Fine-tuned large language models for text classification of social media posts.
- Collaborated on projects with academics across the U.S., U.A.E., Singapore, and China.
- Wrote research papers to clearly communicate findings to audiences across multiple disciplines.

**WEB DEVELOPER & QA ENGINEER (FREELANCE) | BIZTERA | OCT 2019 – JUN 2022**

- Planned and implemented changes to web application using the Mongoose, Express, React, Node stack.
- Performed manual testing and wrote automated tests for all Biztera products.
- Discovered and fixed web application security vulnerabilities such as cross-site scripting and cross-site request forgeries.

**UNIX LAB MONITOR AND LEARNING ASSISTANT | NYUAD | SEP 2017 – DEC 2017**

**SOFTWARE DEVELOPMENT INTERN | MARIANAIQ (SAN MATEO, CA) | MAY 2017 - JUL 2017**

**WEB DEVELOPMENT INTERN | NYUAD | OCT 2015 - MAY 2016**

## Projects

**Efficient Claim-Conditioned Decoding for Improving Long-Form Response Factuality of LLMs**  
**Rethinking the Evaluation of Factual Verification**

## Skills

Python (Numpy, Pandas, HuggingFace, PyTorch) | JavaScript (React, Express, Mongoose, MongoDB, Node.js)