

## Contact

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www.linkedin.com/in/aman-priyanshu (LinkedIn)  
amanpriyanshu.github.io/ (Personal)  
linktr.ee/AmanPriyanshu (Other)

## Top Skills

NIST 800-53  
NIST  
California Consumer Privacy Act (CCPA)

## Languages

English (Professional Working)  
French (Limited Working)  
Hindi (Elementary)

## Certifications

Natural Language Processing in TensorFlow  
Structuring Machine Learning Projects  
Introduction to Artificial Intelligence (AI)  
Building AI Powered Chatbots Without Programming  
Convolutional Neural Networks in TensorFlow

## Honors-Awards

CalHacks WINNER - Community & Civic Engagement  
ACM UCM Datathon WINNER - First Prize  
HackRx 2.0 Winner - First Prize  
Code Innovation Series First Prize  
Runners-Up - BobHacks 2021 (MetaBob API)

## Publications

# Aman Priyanshu

Grad student @ CMU | Responsible AI | AAI UC Scholar'23 | MITACS Globalink Research Scholar'22 | Built a top-10 nationally ranked Ethical Hacking team | Privacy Tech | Ex-AI Privacy Engineer at Eder Labs R&D

San Francisco, California, United States

## Summary

Hi! My name is Aman Priyanshu; I am an incoming Master's Student at Carnegie Mellon University for Privacy Engineering. My research interests include Privacy Preserving Machine Learning, Explainable AI, Fairness, and AI for Social Good. I have recently focused on areas such as Prompt Engineering, Reinforcement Learning, Causal Inference, and Bias Mitigation. During my undergraduate studies, I was recognized as an AAI Undergraduate Scholar (2023) for my contributions to the field of Fairness and Privacy. Additionally, I have had the opportunity to gain practical experience through internships, including working as a Privacy Engineer Intern at Eder Labs R&D Private Limited, a MITACS Research Intern at Concordia University, and as an Undergraduate Research Assistant at Manipal Institute of Technology.

I have been published in various machine intelligence and security fields and have won awards for my projects. I have also applied my research to developing applications for social good during hackathons. I aim to pursue a doctoral degree after completing my undergraduate studies. If you'd like to reach out to me, please feel free to contact me through LinkedIn.

Take a look at my GitHub (<https://github.com/AmanPriyanshu>).

I also have a blog which I update with short articles: (<https://chaiwithpy.github.io/>)

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## Experience

### MyCelium Sports

Founding Member & AI-Lead (Course: 11-681)

January 2024 - May 2024 (5 months)

Pittsburgh, Pennsylvania, United States

NERDA-Con: Extending NER models for Continual Learning — Integrating Distinct Tasks and Updating over Distribution Shifts

The Silent Curriculum: How Does LLM Monoculture Shape Educational Content and Its Accessibility?

Finding an elite feature for (D)DoS fast detection—Mixed methods research

Efficient Hyperparameter Optimization for Differentially Private Deep Learning

When Differential Privacy Meets Interpretability: A Case Study

Spearheaded the development of an AI-powered Sports Content Creation Engine, reducing video editing time by an impressive 20x and enabling the generation of highlights from hour-long game footage for basketball and football in just 2 minutes, contributing to a \$100/monthly subscription with 3 paid customers and an LOI of \$7.2k. Developed and surpassed state-of-the-art models, achieving a 13x faster model with only a 4% drop in multi-class accuracy, creating a scalable and cost-effective solution for content creators. Prototyped innovative features to analyze bias in sports AI, an area with limited academic exploration, and designed privacy features for both players and content creators.

Eder Labs, Inc.

1 year 1 month

Privacy Engineer (Full Time)

April 2023 - July 2023 (4 months)

Privacy Engineer Intern

July 2022 - April 2023 (10 months)

Research Society MIT Manipal

1 year 9 months

Expertise Sub Head - AI

June 2021 - October 2022 (1 year 5 months)

AI Division Member

February 2021 - June 2021 (5 months)

Manipal, Karnataka

Cryptonite

3 years 1 month

Technical Head

August 2020 - September 2022 (2 years 2 months)

India

Link: <https://ctftime.org/team/62713/>

Current ranked: #4 nationally (India)

At my graduation ranked: #9 nationally

Member

September 2019 - August 2020 (1 year)

Manipal

Member of student project Cryptonite at Manipal Institute of Technology.

## Oniria Pets

### Machine Learning & Web Crawling

January 2020 - February 2020 (2 months)

Poland

Working on web crawling, data mining and followed by data analysis, NLP models as well as big data extraction, cleaning and manipulation.

## Intel Labs

### Scholarship Recipient

December 2019 - January 2020 (2 months)

Honored to be selected as one of the recipients of the Intel® Edge AI Scholarship Program. This is my First Scholarship and am very excited about it.

I look forward to this course.

## TensorFlow User Group (TFUG)

### Google Code In mentor

November 2019 - January 2020 (3 months)

I'll be mentoring Google Code-in students this year under TensorFlow . Thank You for this wonderful opportunity!

Students between 13-17 years are encouraged to apply for GCI.

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## Education

### Carnegie Mellon University

Masters, Privacy engineering

### Manipal Institute of Technology

Bachelor of Technology - BTech, Information Technology

### Pace Junior Science College

### St. Mary's School ICSE, Mazagaon, Mumbai