Hussam Habib

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Current Address:
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website
github
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EDUCATION

PhD, Computer Science   2019 - 2024
The University of Iowa

BSc, Computer Science   2014 - 2018
NUCES, Lahore

RESEARCH EXPERIENCE

Interests: Privacy, Security, Internet Measurement, NLP and

Researcher
Sparta Lab at UIowa , Iowa City, IA   Aug 2019 - Present

Researcher Assistant
TPI Lab at LUMS, Lahore, Pakistan   Jun 2018 - Jul 2019

• *Act or React* — Investigating Proactive Strategies For Online Community Moderation.
We study Reddit for online community evolution, impact of community participation on user behavior and effectiveness of community moderation

• *Android Repackaging Analysis* Measurement study on the prevalence of repackaged and malicious apps on major Chinese apps stores and communities for cracked apps.

• *Provenance Malware Detection* — Detecting malicious activity using provenance graphs. We summarize provenance graphs created using SPADE and use template matching for malware detection

WORK EXPERIENCE

Co-founder, CTO
OMNO AI, Lahore, Pakistan   Jun 2018 - Present
        • *Adlytic* — Using computer vision and machine learning to detect traffic demographic and individual attributes to provide better user experience and impressions .

        • *Trafflytic* — Tracking traffic using low quality cameras and generating real time analytics including counts, congestion scores and traffic speeds.

        • *Digital Salon* — integrating computer vision and generative models to provide clients with style and treatment recommendation on hairstyle makeup and skin treatment.