September25, 2026

Pranay Prateek
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Readership | Author Dashboard Pranay Prateek - Google Scholar

I. Earned Degrees

Ph.D. in Business Computer Information Systems. Advisors – Dan J. Kim, Ling Ge, Chang Koh R College of Business, University of North Texas, Denton.	Aug 2020-July 2025
Master of Science in Business Analytics (Data Science Concentration). Jindal School of Management, The University of Texas at Dallas.	Jan 2017-Dec 2018
Bachelor of Engineering in Electrical and Electronics Engineering. Manipal Institute of Technology, MAHE, India.	July 2007-Nov 2011

II. Employment History

University of Massachusetts, Lowell	Sep 2026 - Present
Minnesota State University, Moorhead, MN. Assistant Professor of Cybersecurity.	Aug 2024-Aug 2026
University of North Texas, Denton, TX. Teaching Fellow Information Technology Decision Sciences. ITDS Lab Manager. RA and TA for, Information Systems and Management Science Courses.	Aug 2020-July 2025
Avery Dennison, Dallas, TX. Data Solutions Specialist.	Oct 2019- April 2020
C2 Education, Dallas, TX. Mathematics, Physics, and Statistics Instructor for SAT and ACT.	Dec 2017-May 2018
FIITJEE, New Delhi, India. Assistant Professor of Mathematics.	Feb 2014-April 2016
Career Point, Kota, India. Faculty for Mathematics Olympiad and National Talent Search Exam.	June 2012-Dec 2013

Mu-Sigma, Bengaluru, India. Nov 2011- May 2012
Business Analyst.

III. Honors and Awards

Graduate Research Fellowship, University of North Texas.	2020
UNT Tuition Benefit Program (TBP) Award, University of North Texas.	2020-2024
Doctoral Student Scholarship, University of North Texas.	2020-2024
Dean's Excellence Scholarship, The University of Texas at Dallas.	2017
Faculty award for Highest number of selections in IIT JEE from 1 batch, FIITJEE.	2015 and 2016
Faculty Teaching Award at Career Point Kota.	2012
GRE Score-325. 95 percentile in Quantitative Abilities	2014
99% in Mathematics in CBSE.	2004

IV. Research, Scholarship, and Creative Activities

Conference Presentation with Proceedings (Refereed)

1. Prateek, Pranay; Srivastava, Smriti; and Srivastava, Rahul, "Overdependence on Smart Health Applications: Behavioral and Healthcare Implications" (2026). AMCIS 2026 TREOs. 130. https://aisel.aisnet.org/treos_amcis2026/130
2. Prateek. P. (2025). Digital Graveyard: Uncovering the Privacy Risks of Forgotten Data ICIS 2025, Nashville, Tennessee, U.S.A
3. Prateek, P., Srivastava, S. (2023). Optimal Cyber Insurance for Small and MidSize Businesses-A Game Theoretical Perspective, ICIS 2023 TREOs, Hyderabad, India.
4. Srivastava, S., Prateek, P., & Kim, D. J. (2022). When Social Media Foretells a Shooting. ICIS 2022 TREOs, Copenhagen, Denmark.
5. Prateek, P., Srivastava, S., & Kim, D. J. (2022). The Role of Technological Advancement, and Social Justice in Alleviating the Negative Consequences of COVID-19 Pandemic. Pre-ICIS Workshop, Bright Internet Global Summit (BIGS) 2022, Copenhagen, Denmark (Virtual).
6. Srivastava, S., Mohit, H., Prateek, P. (2022). Offline Friendships: Role and Impact on Outcomes in Online Crowdfunding Platforms. 32nd Annual POMS-Conference 2022
7. P. Prateek, L. Ge, and Dan J. Kim, "Catch Them if We Can: Detect Fraudulent Crowdfunding Campaign," the 18th Symposium on Statistical Challenges in Electronic Commerce Research (SCECR), 2022, Madrid, Spain, June 21-23, 2022
8. Srivastava, S., & Prateek, P. (2021). Machine Learning and AI in detection of mental illnesses-A Literature Review. ICIS 2021 TREOs, Austin, USA.
9. Srivastava, S., & Prateek, P. (2021). Suicide ideation detection using social media posts and comments. ICIS 2021 TREOs, Austin, USA.
10. P. Prateek, Dan J. Kim, and L. Ge. Detection of Fraudulent Campaigns on Donation Based Crowdfunding Platforms using a Combination of Machine Learning and Rule-Based Classifier. Workshop on Information Security & Privacy (WISP), ICIS 2021, Austin, TX, December 12, 2021

Other Publications and Creative Products

Books: 1. Fun with Graphs 2. Mathematics for IIT JEE
MyPAT

Invited Talks

Big XII+ MIS Research Symposium,
The University of Texas at Dallas March 24-26, 2023

Scholarly and Creative Accomplishments

1. Conference Reviewer, AMCIS 2026
2. Conference Reviewer, Workshop on Information Security & Privacy (WISP) at ICIS 2022.
3. Journal Reviewer, *Data Technologies and Applications* (Emerald Publishing).
4. Research Lab Leadership, ITDS Lab Manager, University of North Texas (May 2021–Aug 2022).
5. Interdisciplinary Research Contributions combining cybersecurity, artificial intelligence, and behavioral sciences in areas such as mental health and fraud detection in crowdfunding.
6. Development of Analytical Tools for student performance assessment ("My Pat" system, FIITJEE, India).

Working Papers:
The Language of Deception: Spotting Fraud in Donation-Based Crowdfunding (Preparing for submission to Decision Support Systems).

Impact of Work Environment on Mental Health of IT Employees (Preparing for submission to Management Information Systems Quarterly).

Societal and Policy Impacts

1. Cybersecurity Risk Awareness and Education – Through teaching and research in Cybersecurity Fundamentals and Software Security, developed student and community understanding of cyber threats, fostering a culture of digital safety and privacy protection.
2. Cyber Insurance Policy Insights – Research on Optimal Cyber Insurance for Small and Mid-Size Businesses provides actionable insights for policymakers and insurance firms to design effective cyber-risk mitigation strategies that protect vulnerable enterprises.
3. Mental Health and Technology Research – Studies on AI-based detection of mental illnesses and the impact of work environment on mental health of IT employees inform workplace wellness policies and responsible use of AI in healthcare.
4. Crowdfunding Fraud Detection – Ongoing research on fraud detection in donation-based crowdfunding platforms contributes to developing fairer and safer online fundraising ecosystems, influencing emerging discussions on platform accountability and digital ethics.
5. Interdisciplinary Research for Public Good – Integrates game theory, AI, and behavioral modeling to address complex societal problems such as misinformation, data security, and digital trust, aligning with national and international policy priorities on responsible technology adoption.
6. Public Outreach and Scholarly Engagement – Invited to present research findings at international conferences (ICIS, POMS, BIGS), contributing to global dialogues on ethical, secure, and sustainable digital transformation.

V. Education

A. Courses Taught

At University of Massachusetts, Lowell — Fall'26
MIST 2010 Business Information Systems

At Minnesota State University, Moorhead as Assistant Professor of Cybersecurity

CSIS 104 - Spreadsheet and Database Applications –	Fall'24, Spring'25, Fall'25
CSIS 104A - Advanced Spreadsheet Topics –	Fall '25
CSIS 340 - Software Engineering –	Spring'25
CSIS 360 - Linux Programming and Development –	Fall'24, Fall'25
CSIS 362 - Cybersecurity Fundamentals –	Fall'24, Fall'25
CSIS 364 - Information Systems Security -	Spring'25
CSIS 462 - Software Security	Fall'25
CSIS 562- Software Security (masters)	Summer'25, Fall'25
CSIS 676- Cybersecurity Risk Assessment (masters)	Spring'25

At University of North Texas as
1. Teaching Fellow

BCIS 2610 – Introduction to Computers in Business. Summer'23, Fall'23, Spring'24, Summer' 24
Faculty Profile | Faculty Information System

2. Teaching Assistant

DSCI 5180 - Introduction to the Business Decision Process	Fall'20, Spring'21, Fall'22
DSCI 3710 - Business Statistics with Spreadsheets	Fall'20, Spring'21, Summer'21
BCIS 2610 - Introduction to Computers in Business	Fall'20, Spring' 21, Spring' 23
BCIS 3610 - Basic Information Systems	Fall'20, Spring'21
BCIS 3615 - Visual Display of Business Information	Fall'20, Spring'21
DSCI 2710 -Data Analysis with Spreadsheets	Fall'20, Spring'21
DSCI 5240 -Data Mining and Machine Learning for Business	Fall'20, Spring'21

At C2 Education, Dallas, TX as Instructor — Dec 2017-May 2018
Mathematics
Physics
Statistics

At FIITJEE, New Delhi, India as Assistant Professor of Mathematics — Feb 2014- April 2016
Mathematics

At Career Point, Kota, India as Faculty — June 2012 – Dec 2013
Mathematics and Mental Ability for Olympiad and NTSE.

B. Individual Student Guidance

Undergraduate Students Yusuf Isac - Automatic Bed Leveling (ABL) as a Standard Feature that should be included in all Fused Deposition Modeling (FDM) 3D Printing.
I also advise and mentor students on their degree plan.

C. Educational Innovations and Other Contributions

1. Being present in outreach programs of MSUM.
2. Assisting in Developing Masters in AI at MSUM.
3. Assisting in improving MS in Cybersecurity at MSUM.
4. Assisting in Developing an AI Lab at MSUM.
5. Advising.
6. Created question banks for Mathematics Olympiad and National talent Search Examinations.
7. Created *"My Pat"*, a performance analysis tool to monitor student progress and support personalized learning.
8. Developed and taught innovative courses in *Cybersecurity Fundamentals*, *Software Security*, and *Linux Programming*, integrating mathematical and applied problem-solving components.
9. Implemented project-based and data-driven learning modules emphasizing real-world cybersecurity applications.

VI. Service

A. Professional Contributions

Reviewer for *Data Technologies and Applications* (Emerald Publishing).
Reviewer for the *Workshop on Information Security & Privacy (WISP)*, International Conference on Information Systems (ICIS).
Member, *Association for Information Systems (AIS)* and *INFORMS*.
Presented research at major international conferences (ICIS, POMS, BIGS, SCECR).
ITDS Lab Manager, University of North Texas (2021–2022), supporting research infrastructure and graduate collaboration.
Active participant in the Big XII+ MIS Research Symposium (2023), promoting cross-institutional MIS research collaboration.
List all national and international contributions of service and positions of leadership in the profession.

B. Public and Community Service

Promoted cybersecurity awareness through classroom and community-based discussions on data privacy and online safety.
Mentored students and early-career professionals pursuing careers in cybersecurity and data analytics.
Delivered outreach lectures to promote STEM education and digital literacy among undergraduate and pre-university students.
Developed analytical learning tools (*My Pat*) to support equitable access to performance feedback for students in large classrooms.

Supported initiatives aligning with mental health awareness and technology ethics through applied research projects.
Actively served on University's Food pantry.
Have previously taught underprivileged kids for free.

C. Institute Contributions

Curriculum development for Masters in AI, Cybersecurity and analytics at MSUM.
Participated in departmental program reviews, course outcome mapping, and assessment planning.
Supported student recruitment and advising activities within the Cybersecurity and Computer Information Systems programs.
Collaborated with faculty on developing program-level competencies for cybersecurity and data science.

References:

1. Dr. Robert Pavur
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University of North Texas, Denton
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2. Dr. Dan. J. Kim
Professor Information Technology and Decision Sciences G.
Brint Ryan College of Business
University of North Texas, Denton
Email: Dan.Kim@unt.edu

3. Dr. Arunachalam Narayanan
Farrington Professor and Assistant Chair of Academics in ITDS
G. Brint Ryan College of Business
University of North Texas, Denton
Email: chalam@unt.edu

4. Dr. Chang Koh
Professor Information Technology and Decision Sciences
G. Brint Ryan College of Business
University of North Texas, Denton
Email: chang.koh@unt.edu

5. Dr. Smriti Srivastava
Assistant Professor of Business Information Systems
Western Michigan University
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