

EXPERIENCE

- **Indraprastha Institute of Information Technology, Delhi (IIIT-D)** Delhi, India
Research Associate, PreCog Research Group *June 2018 - Present*
 - **Advisor:** Prof. Ponnurangam Kumaraguru (PhD, CMU).
- **University of Maryland, College Park** MD, USA
Research Assistant, Human Computer Interaction Lab (HCIL) *December 2017 - Present*
 - **Area:** Usable Privacy and Security.
 - **Advisors:** Prof. Michelle Mazurek (PhD, CMU), Elissa Redmiles (Research Scholar).
 - **Work:** Research focuses on understanding whether users make rational security decisions and improving the quality of security advice via qualitative, quantitative, and data science projects.
- **Indraprastha Institute of Information Technology, Delhi (IIIT-D)** Delhi, India
Undergraduate Researcher, PreCog Research Group *December 2016 - May 2018*
 - **Area:** Spam Detection on Social Networks.
 - **Advisors:** Prof. Ponnurangam Kumaraguru (PhD, CMU), Srishti Gupta (Research Scholar).
 - **Work:** Understanding complex networks like Facebook and Twitter using tools from a privacy and security perspective using Data Science, Computational Social Science, Social Computing, Machine Learning, and Natural Language Processing.
 - **Collaborators:** Prof. Mustaque Ahamad (Georgia Tech), Dr. Payas Gupta (Pindrop, Atlanta), Dr. Manish Gupta (Microsoft Research, Hyderabad).
- **EngineChief, Iron Play Technologies Pvt. Ltd.** Delhi, India
Software Engineering Intern - Ruby on Rails *June 2016 - August 2016*
 - **Inventory Management System:** Using Ruby on Rails with PostgreSQL, designed and implemented a web interface and back end for tracking inventory.

EDUCATION

- **Maharaja Agrasen Institute of Technology** GGSIIP Univ., Delhi, India
Bachelor of Technology in Information Technology; Aggregate Percentage: 77.3% *2014 - 2018*
- **Springdales School, Pusa Road, New Delhi** Delhi, India
Central Board of Secondary Education (CBSE); 92.6% aggregate in Senior Secondary *2014*

ACHIEVEMENTS

- **Smart India Hackathon 2017, MHRD, Government of India:** Our team of 6 members advised by Dr. Sambuddha Roy won the first prize in AICTE (out of 28 ministries) with a cash prize of \$3134 by Gov. of India and MAIT. Team selected to implement the project for the AICTE over a period of 6 months.
- **TCS CodeVita:** Team lead for a team of two. Ranked 731 out of 65,000 teams pan-India in round 1.
- **Association for Computing Machinery (ACM):** Received 'Recognition of Service Award' as founding Chair of a 80+ strong team of ACM-MAIT Student Chapter.
- **Department's top 5:** Mentioned in the top 5 student achievers on MAIT's IT department's website ([link](#)).

PUBLICATIONS

- Redmiles, E.M., Morales, M., Maszkiewicz L., Stevens R., Liu E., **Kuchhal, D.** and Mazurek, M.L., First Steps Toward Measuring the Readability of Security Advice. The 2018 IEEE Security & Privacy Workshop on Technology and Consumer Protection (**ConPro**), San Francisco, USA, 2018. [iee-security.org]

- Gupta, S., **Kuchhal D.**, Gupta, P., Ahamad, M., Gupta, M. and Kumaraguru, P., Cross-Platform Intelligence On Spam Campaigns Abusing Phone Numbers Across Online Social Networks. The 10th ACM Conference on Web Science (**WebSci**), Amsterdam, Netherlands, 2018.
Acceptance Rate: 27% (30/113)
Award: Runner up for Best Student Paper [dl.acm.org]
- Redmiles, E.M., Zhu, Z., Kross, S., **Kuchhal D.**, Dumitras, T. and Mazurek, M.L., Asking for a Friend: Evaluating Response Biases in Security User Studies.
The ACM Conference on Computer and Communications Security (**CCS**). [under review]

PROJECTS

- **Prediction of Admission & Jobs in Engineering & Technology/Management/Pharmacy**
AICTE, Ministry of Human Resource Development (MHRD), Government of India.
 - **Status:** Ongoing.
 - **Advisors:** Dr. N.H. Siddalingaswamy (Director, AICTE).
 - **Objective:** To study AICTE's dataset and develop dynamic analytics for dashboards and data modelling.
 - **Budget:** \$4600.