

EXPERIENCE

- **Indraprastha Institute of Information Technology, Delhi (IIIT-D)** Delhi, India
Research Associate at PreCog Research Lab *June 2018 - Present*
 - **Area:** Misinformation on WhatsApp.
 - **Advisors:** Prof. Ponnurangam Kumaraguru (PhD, CMU).
 - **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.
- **University of Maryland, College Park** MD, USA
Research Assistant at Security, Privacy, People Lab (SP2) *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.
- **All India Council for Technical Education (AICTE), MHRD, GoI** Delhi, India
Research and Development Intern *October 2017 - March 2018*
 - **Problem Statement:** Prediction of Admission & Jobs in Engineering & Technology/Management/Pharmacy.
 - **Advisors:** Dr. N.H. Siddalingaswamy (Director, AICTE).
 - **Work:** In a team of 5 and with a project budget of \$4600, we analyzed AICTE's employment statistics dataset and developed dashboards with dynamic analytics.
- **Indraprastha Institute of Information Technology, Delhi (IIIT-D)** Delhi, India
Undergraduate Researcher at PreCog Research Lab *December 2016 - May 2018*
 - **Area:** Spam Detection on Social Networks.
 - **Advisors:** Prof. Ponnurangam Kumaraguru (PhD, CMU), Srishti Gupta (Research Scholar).
 - **Work:** We worked on the first data-driven characterization of cross-platform campaigns - campaigns that use multiple Online Social Network (OSN) platforms and use phone numbers for monetization. We presented our work at the ACM Conference on Web Science (WebSci '18).
 - **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** GGSSIP 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., Zhu, Z., Kross, S., **Kuchhal D.**, Dumitras, T. and Mazurek, M.L.,
Asking for a Friend: Evaluating Response Biases in Security User Studies.
The 25th ACM Conference on Computer and Communications Security (**CCS**), 2018.
Acceptance Rate: 16% (134/809)
- 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) [dl.acm.org]
Award: Runner up for Best Student Paper