

# Arunesh Mathur

320 Sherred Hall Princeton NJ 08540

amathur@cs.princeton.edu • <http://aruneshmathur.co.in> • @aruneshmathur

## EDUCATION

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- Princeton University** 2017—  
PhD, Computer Science  
Advisor: Marshini Chetty
- University of Maryland, College Park**  
PhD, Information Studies 2016—2017  
MS, Human-Computer Interaction 2014—2016  
MS Thesis: *A Human-Centered Approach to Improving Software Updates*  
Advisor: Marshini Chetty
- National Institute of Technology Karnataka, Surathkal** 2008–2012  
B.Tech., Computer Engineering  
Thesis: *An Empirical Study of License Violations in Open Source Projects*  
Advisor: William Thies

## PROFESSIONAL EXPERIENCE

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- International Computer Science Institute (ICSI)** 06/2016—08/2016  
*Research Intern*, with Serge Egelman
- University of Maryland, College Park** 2014–2017  
*Research Assistant*
- Oracle Corporation** 2012–2014  
*Senior Member of Technical Staff*
- Microsoft Research India** 05/2011–08/2011  
*Research Intern*, with William Thies
- The OpenZIM project** 2011–2013  
*Developer*
- Artoo IT Solutions Pvt. Ltd.** 05/2010–08/2010  
*Startup Intern*

## PUBLICATIONS

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- Arunesh Mathur**, Arvind Narayanan, and Marshini Chetty. An Empirical Study of Affiliate Marketing Disclosures on YouTube and Pinterest. *Workshop on Technology and Consumer Protection (ConPro 2018)*.
- Arunesh Mathur**, Nathan Malkin, Marian Harbach, Eyal Peer, and Serge Egelman. Quantifying Users' Beliefs about Software Updates. *Workshop on Usable Security (USEC 2018)*.
- Arunesh Mathur** and Marshini Chetty. Impact of User Characteristics on Attitudes Towards Automatic Mobile Application Updates. *Thirteenth Symposium On Usable Privacy and Security (SOUPS 2017)*.
- Nathan Malkin, **Arunesh Mathur**, Marian Harbach, and Serge Egelman. Personalized Security Messaging: Nudges for Compliance with Browser Warnings. *Second European Workshop on Usable Security (EuroUSEC 2017)*.

5. **Arunesh Mathur**, Josefine Engel, Sonam Sobti, Victoria Chang, and Marshini Chetty. “They Keep Coming Back Like Zombies”: Improving the User Experience of Software Updates. *Twelfth Symposium On Usable Privacy and Security (SOUPS 2016)*.
6. **Arunesh Mathur**, Brent Schlotfeldt, and Marshini Chetty. 2015. A Mixed-Methods Study of Mobile Users’ Data Usage Practices in South Africa. *ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2015)*.
7. **Arunesh Mathur**, Harshal Choudhary, Priyank Vashist, William Thies, and Santhi Thilagam. An Empirical Study of License Violations in Open Source Projects. *35th Annual IEEE Software Engineering Workshop (SEW 2012)*.

#### HONORS AND AWARDS

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|---|------------|
| 1. Symposium On Usable Privacy and Security (SOUPS) travel grant – \$1055     | 2017       |
| 2. ACM CHI Excellent Reviewer   | 2016, 2017 |
| 3. Symposium On Usable Privacy and Security (SOUPS) travel grant – \$1195     | 2016       |
| 4. Selected to attend the Human–Computer Interaction Consortium (HCIC) 2015   | 2015       |
| 5. Outstanding Graduate Assistant Award, University of Maryland, College Park | 2015       |
| 6. Dean’s Fellowship, University of Maryland, College Park – \$5000           | 2014       |
| 7. Merit-based Fellowship, University of Maryland, College Park – \$2500      | 2014       |
| 8. Microsoft Research India travel grant – ₹75,000                            | 2012       |
| 9. Outstanding achievement in academics, Institute of Engineers [I.E.]        | 2010       |
| 10. Winner, <i>Kaun Banega Entrepreneur?</i> , The IndUS Entrepreneurs        | 2010       |

#### TALKS

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| 1. Impact of User Characteristics on Attitudes Towards Automatic Mobile Application Updates | 2017 |
| <i>SOUPS, San Jose, CA</i>  |      |
| 2. Improving the User Experience of Software Updates  | 2016 |
| <i>SOUPS, Denver, CO</i>  |      |
| 3. A Mixed-Methods Study of Mobile Users’ Data Usage Practices in South Africa              | 2015 |
| <i>ACM UbiComp, Osaka, Japan</i>  |      |
| 4. A Mixed-Methods Study of Mobile Users’ Data Usage Practices in South Africa              | 2015 |
| <i>32<sup>nd</sup> Human–Computer Interaction Lab (HCIL) Annual Symposium</i>               |      |
| 5. An Empirical Study of License Violations in Open Source Projects                         | 2012 |
| <i>35<sup>th</sup> IEEE Software Engineering Workshop, Heraklion, Greece</i>                |      |
| 6. OpenZIM: Offline Wikipedia for Low-Cost Phones   | 2011 |
| <i>Software Freedom Day, NITK Surathkal</i>   |      |

#### SERVICE

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1. Poster Jury, USENIX SOUPS 2018
2. Program Committee, ACM CHI 2018 Workshop on Exploring Individual Differences in Privacy
3. Program Committee, ACM CHI 2018 Late Breaking Work (LBW)

4. Reviewer, ACM CHI 2018, 2017, 2016, 2015
5. Reviewer, ACM IMWUT 2017
6. Reviewer, ACM UbiComp 2015
7. Student Volunteer, WEIS 2016
8. Student Volunteer, ACM UbiComp 2015
9. Human-Computer Interaction Lab (HCIL) Brown Bag Coordinator, 2014-15
10. Webmaster and Publicity Chair, ACM DEV-5, 2014

#### SELECTED PRESS

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1. Enterprising Foursome 2010  
*The Times of India*
2. *Kaun Banega Entrepreneur?* 2010  
*Daily News and Analysis [DNA] India*

#### TECHNICAL STRENGTHS

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<b>Languages</b>	R, Python, Java
<b>Databases</b>	Oracle, PostgreSQL
<b>Tools</b>	Git, Tableau, Gephi, D3.js
<b>Prototyping</b>	Balsamiq, Powerpoint, CSS/Javascript
<b>User research</b>	Surveys, Interviews, Usability studies, Think-alouds