

# Swetank Kumar Saha

## Education

- 2013–Present **Ph.D. Candidate** Computer Science & Engineering  
University at Buffalo, SUNY, NY, US  
CGPA 3.81/4.0
- 2009–2013 **Bachelor of Technology** Computer Science & Engineering (*with Honors*)  
IIIT-Delhi, New Delhi, IN  
CGPA 9.01/10.0

## Work Experience

- 2013–Present **Research Assistant**, *University at Buffalo, SUNY, NY, US.*
- 2013–Present **Teaching Assistant**, *University at Buffalo, SUNY, NY, US.*  
Designed and developed assignments and automated grader for the Modern Networking Concepts course  
<https://cse4589.github.io/> [Github Source]
- Summer 2017 **Research Intern**, *Hewlett Packard Labs, Palo Alto, CA, US.*  
LTE-Unlicensed/WiFi Co-existence in 5 GHz
- Summer 2016 **Research Intern**, *IMDEA Networks Institute, Madrid, Spain.*  
802.11ad (60 GHz) Indoor WLANs
- Summer 2013 **Software Developer**, *Google Summer of Code 2013, Google.*  
Worked on the popular Android data collection framework Funf.
- Summer 2012 **Research Intern**, *Airbus India, EADS Innovation Works, Bangalore, India.*  
Study and development of Image based localization techniques.

## Awards

- **2<sup>nd</sup> Runner Up** ACM Student Research Competition (SRC) 2017 [P2]
- **Best Paper Runner Up** ACM WiNTECH 2017 [W4]
- **1<sup>st</sup>** prize at the UB School of Engineering & Applied Sciences (SEAS) Lightning Talk Competition
- **Winner** of the *Tally Innovation Award* at the All-India Jedi Project Challenge 2012, organized by IISc., Bangalore.
- Travel Grants
  - 2018: IEEE SECON, ACM SRC
  - 2017: ACM MobiCom, ACM SRC
  - 2016: ACM MobiCom, IEEE ICC
  - 2015: ACM IMC, IEEE ICNP

## Professional Service

- Chair ○ ACM Wireless of the Students, by the Students, and for the Students (S<sup>3</sup>) Workshop 2018
- Web Chair ○ International Conference on Embedded Wireless Systems and Networks (EWSN) 2018  
○ ACM Workshop on Wireless Network Testbeds, Experimental evaluation & CHaracterization (WiNTECH) 2016

- Invited ○ IEEE Transactions on Communications 2018
- Journal ○ IEEE Transactions on Mobile Computing (TMC) 2017
- Reviews ○ MDPI Applied Sciences 2017
  - IEEE Symposium on Computers and Communications (ISCC) 2017
  - IEEE Transactions on Wireless Communications (TWC) 2017
  - MDPI Sensors 2015
- External ○ IEEE Conference on Computer Communications (INFOCOM) 2016, 2015
- Reviewer ○ IEEE International Symposium on A World of Wireless, Mobile and Multimedia Networks (WoWMoM) 2016, 2015
  - IEEE International Conference on Sensing, Communication and Networking (SECON) 2016, 2015

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## Technical Skills

- Languages* C, Python, Java
- SDRs* USRP, GNURadio, LabView
- Linux* Wireless Device Drivers (ATH9K, ATH10K, WIL6210), TCP and MPTCP Networking Subsystem/Stack
- Cloud* Google App Engine
- Web* Django, PHP, HTML, js