

# Sahiti Kunchay

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College of Information Sciences and Technology, Pennsylvania State University  
E311, Westgate Building, University Park 16802

## Education

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*August 2018 - Present* **Pennsylvania State University**

Ph.D. in Informatics | Advisor: Dr. Saeed Abdullah

Research Interests: Human Computer Interaction and Ubiquitous Systems

*August 2014 - May 2018* **Shiv Nadar University**

B.Tech in Computer Science and Engineering

*Minor: Sociology*

## Research Experience

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*August 2018 - Present* **Graduate Research Assistant**

*Computational Health and Wellbeing*

Wellbeing and Health Innovation Lab

Pennsylvania State University

**Watch Over.** Developing Apple watch and smartphone applications to assess and predict substance co-use in young adults. Designing effective interfaces to capture risky behaviors.

**Expressive Lights Project.** Understanding users' perceptions of the light apparatus and light behaviors on smart-speakers. Designing better light behaviors to deliver effective health assistance.

*May 2016 - May 2018* **Undergraduate Research Assistant**

*Social Activity Recognition and Analysis*

Shiv Nadar University

## Publications

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P1. **Sahiti Kunchay** and Saeed Abdullah. 2020. WatchOver: using Apple watches to assess and predict substance co-use in young adults. In *Adjunct Proceedings of the 2020 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2020 ACM International Symposium on Wearable Computers (UbiComp-ISWC '20)*.

P2. **Sahiti Kunchay**, Shan Wang and Saeed Abdullah. 2019. "Investigating Users' Perceptions of Light Behaviors in Smart-Speakers". In *2019 Computer Supported Cooperative Work and Social Computing Companion Publication (CSCW)*, Austin, TX, USA.

P3. **Sahiti Kunchay** and Lakshmi Manasa Kalanadhabhatta. 2018. “Analysis of Peer Group Behavior Among University Students”. In *Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems (CHI EA '18)*, Montreal QC, Canada. Paper SRC10, 6 pages.

P4. **Kunchay Sahiti**, Lakshmi Manasa, Suman Sankar Bhunia, Akshit Singhal and Majethia, Rahul. “Smartphone-based Qualitative Analyses of Social Activities During Family Time”. In *Proceedings of Human-Sys'17: The First International Workshop on Human-centered Sensing, Networking, and Systems*. Delft, Netherlands, November 5, 2017 (HumanSys'17).

P5. Majethia, Rahul, Akshit Singhal, Lakshmi Manasa K, **Kunchay Sahiti**, Shubhangi Kishore, and Vijay Nandwani. “AnnoTainted: Automating Physical Activity Ground Truth Collection Using Smartphones.” In *Proceedings of the 3rd International Workshop on Physical Analytics*, pp. 13-18. ACM, 2016.

P6. Majethia, Rahul, Varun Mishra, Akshit Singhal, Lakshmi Manasa, **Kunchay Sahiti**, and Vijay Nandwani. “PeopleSave: recommending effective drugs through web crowdsourcing.” In *2016 8th International Conference on Communication Systems and Networks (COMSNETS)*, pp. 1-6. IEEE, 2016.

## Teaching Experience

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*Spring 2019, Fall 2020* **Teaching Assistant**

IST 331: Foundations in Human-Centered Design

Instructor: Dr. Saeed Abdullah

*Fall 2018, Spring 2019* **Teaching Assistant**

SRA 365: Statistics for Information Sciences

Instructor: Dr. Katherine Hamilton

## Work Experience

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*January 2018 – May 2018* **Data Engineering Intern**

*Dell*

Gathered and analyzed Customer Sales Data for Performance Engineering Team. Constructed an interactive web platform to automate sales data generation for testing purposes and reduced developer effort by 20%

## Awards

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2018 Rednor Graduate Fellowship

2018 ACM-W Scholarship

2017 Finalist, Women Techmakers Scholarship (APAC)

## **Service and Outreach**

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*2019 - Present* Reviewer, PACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)

*2019* Reviewer, CHI

*2019 - 2020* President, Graduate Student Association in IST (GIST)

*2017* Co-founder, ACM-W Chapter, Shiv Nadar University