

# Phuthipong Bovornkeeratiroy

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## EDUCATION

<b>University of Massachusetts Amherst</b>	Aug 2017 - Current
Ph.D. Student in Computer Science	Advisor: Prashant Shenoy
<b>Chulalongkorn University, Thailand</b>	Aug 2013 – Aug 2015
M.S. in Computer Science	Advisor: Kultida Rojviboonchai
Thesis Title: Boat Arrival Time Prediction System using Mobile Phone Crowdsourcing	
<b>Assumption University, Thailand</b>	June 2007 – Oct 2010
B.S. in Computer Science	Advisor: Tapanan Yeophantong
Senior Project: A Mobile Recommender System using Context to Suggest Places to Go in Thailand	

## PUBLICATIONS

- Amee Trivedi, **Phuthipong Bovornkeeratiroy**, Joseph Breda, Prashant Shenoy, Jay Taneja, David Irwin. "Phone-based Ambient Temperature Sensing Using Opportunistic Crowdsensing and Machine Learning.". Accepted to IGSC, 2020
- **Phuthipong Bovornkeeratiroy**, Srinivasan Iyengar, Stephen Lee, David Irwin, Prashant Shenoy. "RepEL: A Utility-preserving Privacy System for IoT-based Energy Meters". 2020 IEEE/ACM Fifth International Conference on Internet-of-Things Design and Implementation (IoTDI)
- Joseph Breda, Amee Trivedi, Chulabhaya Wijesundara, **Phuthipong Bovornkeeratiroy**, David Irwin, Prashant Shenoy, and Jay Taneja. "Hot or Not: Leveraging Mobile Devices for Ubiquitous Temperature Sensing". The 6th ACM International Conference on Systems for Energy-Efficient Buildings, Cities, and Transportation (BuildSys 2019). ACM, 2019. (To appear)
- Dong Chen, **Phuthipong Bovornkeeratiroy**, David Irwin, and Prashant Shenoy. "Private memoirs of IoT devices: Safeguarding user privacy in the IoT era." 38th International Conference on Distributed Computing Systems (ICDCS), IEEE, 2018.
- **Phuthipong Bovornkeeratiroy**, Kulit Na Nakorn, and Kultida Rojviboonchai. "Challenges in Implementing Crowdsourcing on automatic real-time transit tracking system." Communications and Information Technologies (ISCIT), 2015 15th International Symposium on. IEEE, 2015.
- **Phuthipong Bovornkeeratiroy**, Kulit Na Nakorn, and Kultida Rojviboonchai. "Boat arrival time prediction system using mobile phone sensing." Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON), 2015 12th International Conference on. IEEE, 2015.

## WORK EXPERIENCE

<b>Veea, Inc.</b>	Summer 2018 and 2019
Software Development Intern	New York City, US
• Developed an Indoor Localization System using WiFi RTT (802.11mc) and WiFi Fingerprinting	
<b>NEVERSITUP CO., LTD.</b>	March 2014 – July 2015
Mobile Application Developer	Bangkok, Thailand
• Led iOS development team, developed a personal finance application called "Piggipo"	
<b>I AM CONSULTING CO., LTD.</b>	July 2012 – October 2013
Mobile Application Developer	Bangkok, Thailand
• Developed enterprise mobile applications (iOS and Android) for SAP clients.	