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## HYUNJONG (JOSEPH) LEE

- Education**
- Ph.D, Computer Science, University of Michigan at Ann Arbor. Current  
Advisor: *Professor Jason Flinn*
- M.S., Computer Science, University of Michigan at Ann Arbor. Dec. 2017  
Advisor: *Professor Jason Flinn*
- Ph.D, Computer Science, Georgia Institute of Technology. **Dropped out**; May - Dec 2015  
Advisor: *Professor Karsten Schwan (deceased)*
- B.S., Computer Science, Georgia Institute of Technology. May 2015  
Thesis: *oPsai: Seamless Migration of Remote User Experience to Personal Cloud*.  
Graduated with Highest Honor (Summa Cum Laude).
- Experience**
- EECS, University of Michigan at Ann Arbor, Jan. 2016 - Current  
Graduate research assistant in mobile systems and edge-cloud.
- AT&T Labs - Research, Bedminster, NJ, Jun. 2018 - Aug. 2018  
Research internship in edge-cloud under guidance of Dr. *HeeWon Lee*.
- Center for Experimental Research in Computer Systems, May 2015 - Dec 2015  
Graduate research assistant in mobile systems and edge-cloud.
- Center for Experimental Research in Computer Systems, Aug. 2014 - May 2015  
Undergraduate researcher in mobile systems and edge-cloud.
- Network Operations and Internet Security @ Princeton, Apr. 2014 - May 2015  
Undergraduate researcher in mobile network measurement, part of *BISmark*.  
formerly GT-NOISE led by Professor *Nick Feamster*.
- Publications**
- Conference
- Minsung Jang, **HyunJong Lee**, Karsten Schwan, Ketan Bhardwaj. “SOUL: An Edge-cloud System for Mobile Applications in a Sensor-rich World”, *The First IEEE/ACM Symposium on Edge Computing (SEC)*, Washington DC, October 2016.
- Workshop
- William Agnew, **HyunJong Lee**, Minsung Jang, Ada Gavrilovska, and Karsten Schwan. “Reducing Mobile Throttling from Temperature by Offloading Apps”, *Tiny Transactions on Computer Science 4 (TinyTOCS)*, Web.
- Minsung Jang, **HyunJong Lee**, Ketan Bhardwaj, Karsten Schwan. “vSensor: Toward Sensor-rich Mobile Applications”, *Sensors to Cloud Architectures Workshop (SCAW-2015)*, Held in conjunction with *HPCA-21*, San Francisco, California, February 2015.
- Poster/Demo

**HyunJong Lee**, Jason Flinn. “Raven: Redundancy Aided Vehicular Networking”, *The 15th ACM International Conference on Mobile Systems, Applications, and Services (MobiSys)*, Niagara Falls, NY, June 2017.

**HyunJong Lee**, Jason Flinn. “Reducing Tail Response Time of Vehicular Applications”, *The First IEEE/ACM Symposium on Edge Computing (SEC)*, Washington DC, October 2016.

**HyunJong Lee**, Minsung Jang, William Agnew, Karsten Schwan, Ada Gavrilovska. “TeSLA: Thermal Service Level Agreement for Mobile Devices”, *The Seventeenth Workshop on Mobile Computing Systems and Applications (HotMobile)*, St. Augustine, Florida, February 2016.

#### Book

**HyunJong Lee**. *The Introduction to Network Architecture and Design* (in Korean), ISBN# 978896023861, August 2012.

#### Teaching, Mentoring

##### Teaching

Georgia Institute of Technology, Atlanta, Georgia, Jan. 2015 - Aug. 2015  
Teaching Assistant for Graduate Introduction to Operating Systems (GIOS) course taught by Prof. [Ada Gavrilovska](#) for Spring & Summer 2015.

##### Mentoring

Siyuan Sheng [UMich CS undergrad, now master at Carnegie Mellon University] Fall 2016 - Winter 2017  
Zihuan Diao [UMich CS undergrad, now master at Stanford University] Fall 2016  
Amit Kalay [UMich CS undergrad, now at Target] Summer 2016  
Poorvaja Rajagopal [Georgia Tech ECE master, now at Dell] Fall 2015  
Oleg Filatov [Georgia Tech CS undergrad, now at Microsoft] Summer 2015  
William Agnew [Georgia Tech CS undergrad, now Ph.D at University of Washington] Spring 2015

#### Achievement

Georgia Tech Dean’s List, awarded five consecutive semesters. Dec. 2013 - May 2015  
IEEE Cisco Network Competition, awarded 5th place. Jan. 2014  
Texas A&M Intelligent CSE Context, awarded 3rd place. Oct. 2012  
Advanced Placement, awarded AP National Scholar. Sep. 2012  
Cisco Systems Inc., awarded 2nd place in Networking Competition in Asia. Jul. 2010  
[CCIE R&S](#), Cisco Certified Internetworking Expert (CCIE# 25158). Aug. 2009

#### Grants

Student Travel Grant, The First IEEE/ACM Symposium on Edge Computing (SEC). Oct. 2016  
Student Travel Grant, The 25th ACM Symposium on Operating Systems Principles (SOSP). Oct. 2015  
Student Travel Grant, The Workshop on Supporting Diversity in Systems Research (Diversity). Oct. 2015

#### Reference

**Available upon request.**