

EDUCATION

- **National University of Singapore** Singapore
PhD, Computer Science (Ongoing) *Aug. 2019 – Present*
- **National University of Singapore** Singapore
Bachelor of Computing, Computer Science, Honors (Highest Distinction) *Aug. 2015 – May. 2019*

CONFERENCE PUBLICATIONS

- **Sriram Sami**, Sean Rui Xiang Tan, Bangjie Sun, and Jun Han, “LAPD: Hidden Spy Camera Detection using Smartphone Time-of-Flight Sensors”. In Proceedings of 19th ACM Conference on Embedded Networked Sensor Systems (SenSys), Coimbra, Portugal, Nov. 2021.
Acceptance Rate: 17.9% (25 of 139)
This work received extensive media coverage including: The Register, Forbes, New Scientist, DER SPIEGEL, TechRadar, and many others.
- **Sriram Sami**, Yimin Dai, Sean Rui Xiang Tan, Nirupam Roy, and Jun Han, “Spying with Your Robot Vacuum Cleaner: Eavesdropping via Lidar Sensors”. In Proceedings of 18th ACM Conference on Embedded Networked Sensor Systems (SenSys), Virtual Event, Nov. 2020.
Acceptance Rate: 20.7% (44 of 213)
This work received extensive media coverage including: Forbes, ZDNet, ThreatPost, Channel News Asia, and many others.

POSTERS AND DEMOS IN PROCEEDINGS

- **Sriram Sami**, Sean Rui Xiang Tan, Bangjie Sun, and Jun Han, “Poster Abstract: On Utilizing Smartphone Time-of-Flight Sensors to Detect Hidden Spy Cameras”. In Proceedings of 19th ACM Conference on Embedded Networked Sensor Systems (SenSys), Coimbra, Portugal, Nov. 2021.
- **Sriram Sami**, Sean Rui Xiang Tan, Yimin Dai, Nirupam Roy, and Jun Han, “Poster Abstract: LidarPhone: Acoustic Eavesdropping using a Lidar Sensor”. In Proceedings of 18th ACM Conference on Embedded Networked Sensor Systems (SenSys), Virtual Event, Nov. 2020.
Best Poster Runner-up Award.

TEACHING EXPERIENCE

- **National University of Singapore**
Teaching Assistant / Graduate Tutor *Aug. 2018 – Present*

Awards and Recognition:

- Full Time Teaching Assistant Award: AY 2020/2021
- Honors List of Student Tutors: AY 2019/2020

Modules:

- CS2106: Introduction to Operating Systems
- CS2107: Introduction to Information Security

Responsibilities:

- Teach multiple tutorials each week.
- Set and review tutorial questions.
- Review course content developed by the instructor.
- Set examination questions and grade scripts.
- Manage a team of undergraduate tutors.

Teaching Ratings:

Module	Year & Semester	Teaching Rating	Department Average
CS2106	AY 2021/22 Semester 2	4.9/5.0	4.2/5.0
CS2106	AY 2021/22 Semester 1	4.9/5.0	4.2/5.0
CS2107	AY 2020/21 Semester 2	4.8/5.0	4.2/5.0
CS2107	AY 2019/20 Semester 2	4.9/5.0	4.1/5.0
CS2106	AY 2019/20 Semester 1	4.7/5.0	4.1/5.0
CS2106	AY 2018/19 Semester 2	4.8/5.0	4.1/5.0
CS2106	AY 2018/19 Semester 1	4.9/5.0	4.2/5.0

WORK EXPERIENCE

• Yonah

Co-founder, Software Lead

August 2016 – August 2018

- **Unmanned Aircraft Development:** Led software and avionics efforts for unmanned aerial vehicles. These were designed to deliver 3 kg of vaccines over 100 km to villages in Papua New Guinea. Funding sources include the Singapore Defence Science Organization (DSO) and Robert Bosch GmbH.
- **Google Summer of Code:** Worked on novel open-source autopilot code for the Ardupilot project, which was accepted into the 2017 Google Summer of Code program. Contributed code for tandem helicopter control, electronic fuel-injection unit management, and a rotor speed governor.

• HOPE Technik

Software Engineering Intern

May 2016 - August 2016

- **Unmanned Aircraft Systems Development:** Designed, programmed, and operated Ground Control Station (GCS) software for unmanned aerial vehicles, capable of simultaneous launch and recovery of multiple aircraft. This project was deployed on a national scale as part of a coordinated UAV light-show.

• Institute for Infocomm Research

Research Intern

March 2015 - August 2015

- **Coordinated Hand-Finger Rehabilitation Exergaming:** Integrated a Leap Motion hand tracker with a custom rehabilitation game for use by individuals with hand/wrist injuries. This project won an award at the Institute of Engineers Singapore Innovation Challenge.

• Institute for Infocomm Research

Research Intern

February 2010 - February 2012

- **MAIR: In-Home Rehabilitation Monitoring and Assessment System:** Developed a telemedicine physiotherapy system using activity recognition of data from body-worn inertial measurement units. This project was shortlisted for Singapore's Tan Kah Kee Young Inventors' Award.
- **Fighting Financial Crime with Social Networks:** Used graph-theoretic concepts to identify suspicious individuals in a real-world dataset of financial actors. This project won an award in the Singapore Science and Engineering Fair.

PROFESSIONAL SERVICE

External Reviewer

- IEEE International Conference on Communication Systems and Networks (COMSNETS'22)
- IEEE International Conference on Distributed Computing Systems (ICDCS'21)
- ACM Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT'21)
- ACM/IEEE International Conference on Internet of Things Design and Implementation (IoTDI'21)
- IEEE International Conference on Communication Systems and Networks (COMSNETS'21)
- IEEE International Conference on Distributed Computing Systems (ICDCS'20)
- ACM Workshop on Mobile Computing Systems and Applications (HotMobile'20)
- ACM/IEEE International Conference on Internet of Things Design and Implementation (IoTDI'20)
- IEEE Wireless Communications and Networking Conference (WCNC'20)
- ACM Conference on Security and Privacy in Wireless and Mobile Networks (WISEC'20)

Journal Reviewer

- IEEE Transactions on Mobile Computing (TMC)