

# Sahrish Jaleel Shaikh

(404) 368-5808 | sahrish.shaikh@gatech.edu | [linkedin.com/in/sahrishjaleelshaikh](https://www.linkedin.com/in/sahrishjaleelshaikh)

## OBJECTIVE

---

Graduate research assistant primarily interested in the research at the intersection of the Physical Internet, Supply Chain Engineering and Logistics. Seeking to leverage acquired academic knowledge and work experience in developing strategies to improve complex supply chain systems.

## EDUCATION

---

- DEC 2023 **Ph.D. Industrial Engineering** - GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA  
(Expected) Advisor: [Dr. Benoit Montreuil](#)
- MAY 2021 **M.Sc. Industrial Engineering** - GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA  
CGPA: 3.7/4.00
- MAY 2019 **M.Sc. Supply Chain Engineering** - GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA  
CGPA: 3.78/4.00
- AUG 2016 **B.Sc Hons Management Science** - LAHORE UNIVERSITY OF MANAGEMENT SCIENCES(LUMS), PAKISTAN  
CGPA: 3.71/4.00 | Graduation with distinction

## WORK EXPERIENCE

---

- AUG 2019 **Graduate Research Assistant** - GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA GA  
present Working towards developing robust protocols, agent-based simulation models and designing tools for Physical Internet models that reflect cooperation within multi-echelon supply chains.
- Engaged in the design, the implementation, the operation, and continuous improvement of an innovative system for enabling the efficient, seamless and persistent supply and distribution of critical consumables, with focus on PPEs throughout the COVID-19 pandemic across Georgia Tech campus.
  - Worked with a Chinese multinational delivery services and logistics company based in Shenzhen to redesign their network using modular containers, open flow consolidation and on-demand resource sharing. [2]
  - Worked on a collaborative project with a leading player of courier and parcel delivery services industry in the United States. Evaluated containerization, pre-consolidation and hyperconnected delivery of parcels in a mesh-like multimodal transportation network in the United States and Canada.[1]
  - Developed a hyperconnected network for marine containers in the South East region of the United States proposing a shift from direct point-to-point dispatch movement of freight to a multi-modal relay movement of freight. Presented the project at the International Physical Internet Conference (IPIC) 2018 in Netherlands.
- JULY 2016 **Associate Manager - Supply Network Operations** - PROCTER & GAMBLE PAKISTAN PVT LTD.
- AUG 2017 Worked in the Physical Distribution team and spearheaded operations as well as strategic imports and warehousing projects
- Analysed E2E supply chain to find new opportunities and potential savings
  - Evaluated Direct Port Shipments (DPS) of import commodities from Port Qasim to all the cities in the national network of P&G Pakistan. The project was able to deliver annual savings of \$2M.
  - Handled the physical distribution of goods from Port/Warehouse to distributor.
  - Developed skills to deal with external stakeholders including the Pakistan Customs Authority
- JUNE 2015 **Research Associate** - LUMS CENTRE FOR ISLAMIC FINANCE (CIF)
- JUNE 2016 Developed an interactive financial database for the State Bank of Pakistan
- Presented recommendations in the Islamic Finance, Banking & Business Ethics Global Conference 2016
- JUNE 2015 **Intern, Supply Chain Department** - ENGRO POLYMER & CHEMICALS LTD, PAKISTAN
- AUG 2015 Investigated reasons of increasing procurement cost of the company and advised solutions
- Performed a spend analysis on the data provided by the company to identify the opportunities of strategic sourcing to the company
  - Proposed recommendations to the company that led to \$400K savings over the fiscal year

- AUG 2014 **Teaching Assistant** - LAHORE UNIVERSITY OF MANAGEMENT SCIENCES, PAKISTAN  
JUNE 2016 Conducted lectures, graded assessment instruments and reported to the instructor weekly.
- Courses: Operations Research, Business Ethics, Management Science
  - Developed problem solving and interpersonal skills by giving lectures and engaging with students.

## TEACHING EXPERIENCE

---

- CASEWORK PLANNING Benoit Montreuil, **Sahrish Jaleel Shaikh**, Onkar Kulkarni, “Hyperconnected Automotive Deployment”, ISyE 6339 - Supply Chain Information Systems, Georgia Institute of Technology, Spring 2022
- CASEWORK PLANNING Benoit Montreuil, **Sahrish Jaleel Shaikh**, Onkar Kulkarni, “Hyperconnected Automotive Delivery”, ISyE 6339 - Supply Chain Information Systems, Georgia Institute of Technology, Spring 2022
- GUEST LECTURE **Sahrish Jaleel Shaikh** and Onkar Kulkarni, “Hyperconnected Logistics Networks: Resilient Hub Network Design and Intern-Hub Transportation Protocols”, ISyE 6339 - Supply Chain Information Systems, Georgia Institute of Technology, Spring 2022

## WORKSHOPS AND INVITED TALKS

---

- MAY 2021 “GT PPE Supply and Distribution Initiative” presented remotely at the May 2021 ITAC Meeting organized by Information Technology Advisory Community (ITAC) at Georgia Institute of Technology
- MAY 2021 “Protocols for Hub-Based Modular Container Set Consolidation and Inter-Hub Transportation Service Requesting” presented remotely at IISE Annual Conference and Expo 2021
- MAY 2022 “Physical Internet based Critical Supply System-Living Lab Initiative for PPE supply and distribution during COVID-19 Pandemic” presented at IISE Annual Conference and Expo 2022 in Seattle

## TECHNICAL EXPERIENCE

---

- **Operations Research:** Linear/Mixed Integer Programming, Stochastic Programming, Dynamic Programming
- **Software:** Gurobi, Tableau, AnyLogic, SPSS, MATLAB
- **Programming:** R, Python, SQL,  $\text{\LaTeX}$

## AWARDS AND CERTIFICATES

---

- JULY 2018 Physical Internet Student Award at the International Physical Internet Conference (IPIC 2018), Netherlands
- APR 2018 Successful completion of Global Logistics Scholars Program sponsored by Georgia Tech Supply Chain Logistics Institute (GT-SCL)
- AUG 2017 Recipient of the US Fulbright Scholarship for Masters program at Georgia Institute of Technology
- MAY 2017 Recipient of the P&G Power of You (POY) awards in two consecutive quarters under P&G’s employee recognition program
- MAY 2016 Recipient of the Dean’s Honor List Award at 28<sup>th</sup> Convocation of Lahore University of Management Sciences, Pakistan

## SELECTED PUBLICATIONS

---

- [1] **S. J. Shaikh**, N. Kim, B. Montreuil, and P. Vilumaa1, “Conceptual framework for hyperconnected package transport logistics infrastructure,” in *Proceedings of IPIC 2021 International Physical Internet Conference*, 2021, pp. 268–280.
- [2] **S. J. Shaikh**, B. Montreuil, M. Hodjat-Shamami, and A. Gupta, “Introducing services and protocols for inter-hub transportation in the physical internet,” in *Proceedings of IPIC 2021 International Physical Internet Conference*, 2021, pp. 54–65.