

Swathi Thushiyandan

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EDUCATION

Western University, Software Engineering, *Bachelor of Engineering Science* Sept 2021 – present

Honours: Dean's Honour List, Western Scholarship of Excellence

Relevant Coursework: Data Structures & Algorithms, Software Construction, Software Design, Scripting Programming Languages, Discrete Structures for Engineering, Digital Logic Systems, Applied Probability & Statistics for Engineering

Programming Languages: Java, Python, HTML, CSS, JavaScript

Software Skills: IntelliJ, Eclipse, MS Office Suite, Visual Studio Code, GitHub, Zoom, Slack, Google Suite

WORK EXPERIENCE

Technical Sales Intern, *Trane Technologies* May 2023 – present

- Worked directly with industry-leading Sales Professionals and customers by attending sales meetings and service calls alongside experienced account managers
- Gained expertise in the sales engineering process by working on projects while developing technical, business, sales, leadership, and communication skills
- Developed strong customer relationship skills while learning about the design, application, and sale of HVAC equipment and building management controls

Senior Instructor, *Western Engineering Outreach* May 2022 – August 2022

- Demonstrated exceptional communication skills in engaging program participants, resulting in recognition for excellence in content delivery
- Promoted to acting coordinator for consistently displaying strong leadership skills and a positive attitude
- Analyzed inventory and service inefficiencies and proposed solutions to management and instructional teams
- Utilized a customer service-oriented approach to engage 1800+ elementary students (grades K-8) and promote engineering concepts through well-prepared lessons, camps, and workshop activities

PROJECTS

reDirect, *Hack Western 9* Nov 2022

- Created a prototype that allows users, using machine learning, to open their most used tabs and programs by holding up different numbers of fingers to their webcam
- Worked on front-end, design, presentation, and pitch to communicate how the solution solved accessibility needs

Ambience, *Superposition V Hackathon* Apr 2021

- Won "Best Solo Hack" out of 500+ registrants from over 45 countries internationally by creating a web application that allows users to create customizable safe spaces to enhance productivity and promote mindfulness

LEADERSHIP EXPERIENCE

Logistics Organizer, *Hack Western 10* Apr 2023 – present

- Demonstrated strong time management and organizational skills to successfully coordinate and execute logistical plans with over 400 projected participants from across the province
- Utilized excellent written and verbal communication skills to effectively manage project progression and provide attention to detail to all logistical tasks while adhering to a projected budget of \$80 000

Director of Internal Events, *Western Developer's Society* May 2022 – Apr 2023

- Founded, directed, and led a successful club mentorship program, overseeing the coordination of activities and hosting of events for 30+ upper- and first-year students.

Professional Development Commissioner, *Western Undergraduate Engineering Society* March 2022 – March 2023

- Planned the annual Professional Development Conference for over 2000 Western Engineering students by coordinating all aspects of the event including budgeting, activity planning, hosting and delegate registration
- Allocated and utilized a \$1500 budget to cover expenses including food, technological tools, and materials
- Facilitated informative workshops and an alumni panel featuring 20+ alumni and industry experts

SOAR with Mentor Student Voice Committee Member, *Dell Technologies* Sept 2022 – Dec 2022

- Worked with a team of 10 to be a brand ambassador and lead activities for 50+ participants

The Day of You Project Lead Nov 2016 – May 2017

- Led a 10-person team in applying and receiving a \$2270 grant to create and conduct event for 250+ students
- Improved healthy mental health habits within student body by 6.8%