18/06/2025

Attn: Ir Dr Wong Tit-shing
Donor of Wong Tit-shing student exchange scholarship 2024/25

Dear Ir Dr Wong,

I am writing to express my sincere gratitude for the generous scholarship you provided that enabled my exchange experience in Sweden. This opportunity has been truly transformative, both academically and personally.

The financial support you offered made it possible for me to immerse myself fully in Swedish culture and educational practices. During my time abroad, I experienced firsthand a society built on mutual trust and work-life balance that has broadened my perspective significantly. The Swedish educational approach, which combines academic rigor with a supportive environment, has given me new insights into effective learning systems that I would never have gained otherwise.

Your investment in my education has yielded far more than academic knowledge—it has fostered cross-cultural understanding and personal growth that will influence my outlook throughout my career. The confidence you placed in me through this scholarship has inspired me to make the most of every opportunity and to consider how I might similarly support others in the future.

I am committed to applying the valuable lessons learned during this exchange experience in my future endeavors, ensuring that your generosity continues to have a positive impact.

Yours sincerely,

LIU Xinyan

LIU Xinyan
Department of Electrical and Electronic Engineering

Wong Tit-shing Student Exchange Scholarship

# Exchange Learning Report


Name: LIU XINYAN

Department: EEE

Country: Sweden

Host Institution: Chalmers University of Technology

Exchange Period: 17-01-2025 to 08-06-2025

## I. Learning experience on this trip

Studying in Sweden offered an inclusive learning environment with high-quality teaching and practical assignments. The flexible academic system allowed me to take advanced master's courses despite being a junior bachelor. The semester's two-period structure let me focus on just 3 courses at once, making learning more manageable while helping me fill knowledge gaps in my AI specialization.

I actively engaged with the Erasmus Student Network (ESN), participating in international dinners and cultural events. By joining the university's international student organization, I actively joined campus activities for exchange students. These involvements connected me with Swedish students and international peers from Germany, Finland, etc. We maintain contact through a group chat, sharing academic resources and entertainment opportunities.

During my studies, I collaborated with local Swedish students on business case discussions, gaining cultural perspectives on business approaches. I also worked with Kenyan professionals on big data assignments. These cross-cultural experiences enhanced my global perspective and taught me to navigate different working styles, enriching my learning beyond classroom content.

## II. Career aspiration

This exchange program significantly expanded my vision for my future. Taking advanced AI courses and implementing real-world projects confirmed my aspiration to become an AI technologist and researcher, but also showed me new career paths I hadn't considered before. The international exposure helped me realize that pursuing further education abroad—either through a master's or PhD program—would provide the best foundation for my career goals in AI development. I now see the value of global mobility in the tech industry and am more confident in seeking opportunities worldwide rather than limiting myself to my home country.

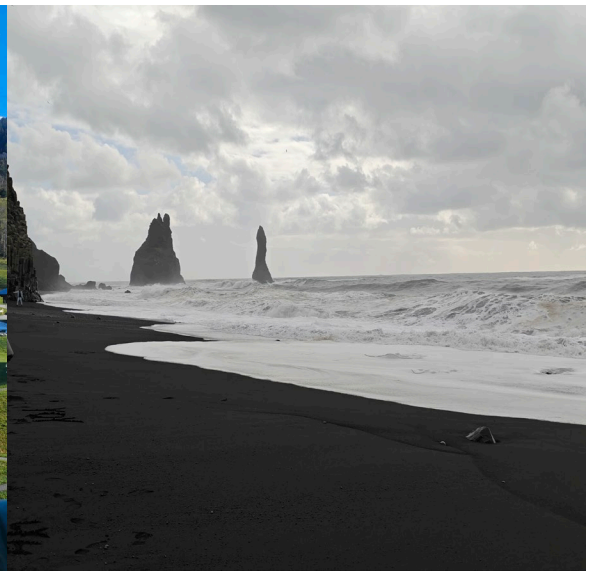
My local and international classmates provided invaluable perspectives that shaped my approach to technology. Swedish students demonstrated a unique balance between technical excellence and work-life harmony that challenged my previous notions about career success. Their collaborative rather than competitive approach to problem-solving showed me alternative ways to achieve results. Working alongside Kenyan professionals in my big data course exposed me to how technology solutions must adapt to different economic and social contexts. These peer-to-peer learning experiences complemented formal education and taught me that diverse perspectives lead to more robust and innovative solutions—a lesson I couldn't have gained from textbooks alone.

## III. Views on other culture

My exchange experience in Sweden greatly enriched my understanding of other cultures. In Sweden, I was immersed in a culture built on trust and balance, enhanced through both classroom experiences and daily interactions. The Swedish educational approach combines academic rigor with a supportive environment—multiple submission opportunities and generous exam conditions reflect their belief that learning thrives in low-pressure settings.

Sweden's culture is fundamentally built on mutual trust. This manifests in their education system, where exams are conducted with minimal supervision in regular classrooms, students can ask questions during tests, and food is permitted. Rather than strict monitoring, the Swedish rely on personal responsibility and honor. This trust extends throughout society, creating a distinctly relaxed rhythm to daily life. The Swedish cultural emphasis on trust and balance offered me a new perspective on how societies can function effectively with different priorities than those I was raised with.



**Upper left: Sunny Dubrovnik in Croatia; Upper right: Cozy Swedish Lapland**

**Lower left: Beautiful and Vividly Swiss; Lower right:  Mysterious Iceland**

## IV. **Detailed study schedule in the exchange-out institution**

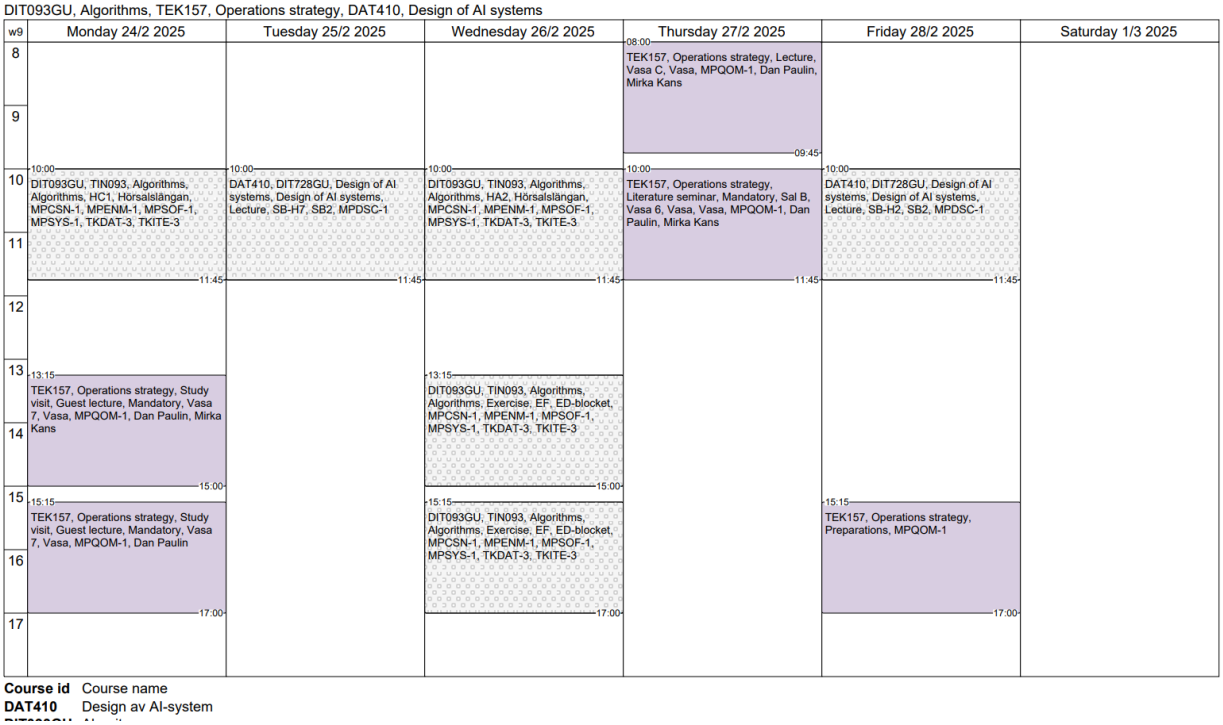
As mentioned abroad, we have two periods per semester, and I choose three courses per period

For my first period, from January 20 to March 22, I chose courses

Algorithm (It is an important course, but I cannot select it in PolyU)

Operating Strategy (For major credit transfer)

Design of AI System (For major credit transfer)




For my second period, from March 24 to June 8, I chose courses

Image Analysis

Advanced machine learning with neural networks

Computation Techniques for Large-Scale Data

All for my major credit transfer

TIF360, Advanced machine learning with neural networks, SSY098, Image analysis, +1 Course (3)

| w15 | Monday 7/4 2025 | Tuesday 8/4 2025 | Wednesday 9/4 2025 | Thursday 10/4 2025 | Friday 11/4 2025 | Saturday 12/4 2025 |
|---|---|---|---|---|---|---|
| 8 | | 08:00 FYM360GU, TIF360, Advanced machine learning with neural networks, Advanced machine learning with neural networks, Lecture, HC2, Hörsalslängan, MPCAS-1, Daniel Midtvedt | 08:00 FYM360GU, TIF360, Advanced machine learning with neural networks, Advanced machine learning with neural networks, Lecture, HC1, Hörsalslängan, MPCAS-1, Giovanni Volpe | 08:00 SSY098, Image analysis, Computer exercise, SB-D309, SB-D409, SB2, SB2, MPICT-1, MPMED-1, | 08:00 FYM360GU, TIF360, Advanced machine learning with neural networks, Advanced machine learning with neural networks, Workshop, SB-D080, SB1, MPCAS-1, Aaron Domenzain Del Castillo Cerecer, Agnese Callegari, Alex Lech, Daniel Midtvedt, Fredrik Skärberg, Giovanni | 08:00 FYM360GU, TIF360, Advanced machine learning with neural networks, Advanced machine learning with neural networks, Lecture, HC2, Hörsalslängan, MPCAS-1, Daniel Midtvedt | |
| 9 | | | 09:45 | 09:45 | | |
| 10 | 10:00 DAT470, DIT065GU, Computational techniques for large-scale data, Computational techniques for large-scala data, Lecture, SB-H6, SB2, MPALG-1, MPDSC-1 | | 10:00 DAT470, DIT065GU, Computational techniques for large-scale data, Computational techniques for | 10:00 SSY098, Image analysis, Lecture, SB-H8, SB2, MPDSC-1, MPICT-1, MPMED-1, MPSYS-1, | | |
| 11 | 11:45 | 11:45 | 10:00 FYM360GU, TIF360, Advanced machine learning with networks, Advanced machine learning with 11:45 | 11:45 | 11:45 | |
| 12 | | | | | | |
| 13 | 13:15 SSY098, Image analysis, Lecture, HB4, Hörsalslängan, MPDSC-1, MPICT-1, MPMED-1, MPSYS-1, TKAUT-3 | | 13:15 DAT470, DIT065GU, Computational techniques for large-scale data, Computational techniques for large-scala data, Computer exercise, ED3354, ED3358, ED-blocket, ED-blocket, MPALG-1, MPDSC-1 | 13:15 DAT470, DIT065GU, Computational techniques for large-scale data, Computational techniques for | 13:15 FYM360GU, TIF360, Advanced machine learning with neural networks, Advanced machine learning with neural networks, Workshop, Sal A, Vasa, MPCAS-1, Aaron Domenzain Del Castillo Cerecer, Agnese Callegari, Alex Lech, Daniel Midtvedt, Fredrik Skärberg, Giovanni | |
| 14 | 15:00 | | 15:00 | 15:00 | | |
| 15 | 15:15 SSY098, Image analysis, Laboration, SB-D409, SB-D509, SB2, SB2, MPICT-1, MPMED-1, MPSYS-1, TKAUT-3 | | 15:15 DAT470, DIT065GU, Computational techniques for large-scale data, Computational techniques for large-scala data, Computer exercise, ED3354, ED3358, ED-blocket, ED-blocket, MPALG-1, MPDSC-1 | | 15:15 SSY098, Image analysis, Consultation time, MPDSC-1, MPICT-1, MPMED-1, MPSYS-1, TKAUT-3 | |
| 16 | | | | | | |
| 17 | 17:00 | | 17:00 | | 17:00 | |


Our Group photo for European Students' Trip