108學年度出國交換心得
Eidgenössische Technische Hochschule Zürich

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About Me

Me paragliding at Interlaken.
Bachelor of Science in Computer Science
NCTU CS Class of ’19 (108級)
NCTU PCCA Alumni
Software Engineer @ Facebook London
  Former Software Engineer Intern
Linguistic Enthusiast
Lectures, tutorials, exams, and more!

Courses
German for Beginners: Intensive Course for Exchange or Master Students, A1.1 (2 ECTS -> 2.00 Credits)

- Lectures
  - High German with a hint of Swiss German
  - Interactions!
  - 6 hours of German everyday!
- City Tour!
Basic German 2; A1 (2 ECTS -> 1.60 Credits)

- Lectures
  - 2 hours per week
  - Situation conversations, grammar, and vocabulary
Natural Language Understanding (4 ECTS -> 2.50 Credits)

- Lectures
  - Problems & historical solutions
  - Talks from Googlers!
- Tutorials
  - Projects
    - LSTM Language Model
    - Story Cloze Task
Graph Theory (5 ECTS -> 1.90 Credits)

- Lectures
  - 7 weeks long

- Tutorials
  - Ridiculously difficult assignments

- Exams
  - Only flunk clear outliers
  - $2x \sim 3x / 65$ on the exam -> final grade $4.75 / 6$
Introduction to Machine Learning (8 ECTS -> 5.00 Credits)

- Lectures
  - Live demo with Jupyter Notebooks
  - Method comparison graphs
  - Cutting-edge research
- Tutorials
  - Surpass the baseline!
- Exams
  - Deregistered
Information Retrieval (4 ECTS -> 2.10 Credits)

- Lectures
  - Algorithms explained with animations
  - Clicker
- Tutorials
  - Online exercises as bonus points
My Stay in Switzerland

Accommodation, contact to Swiss people, cultural life, leisure time, and more!
Accommodation

Sunset at Bahnhof Tiefenbrunnen
WOKO – Beugi

- 690 CHF per Month
- Common Industrial Kitchen & Dining Room
- 54 Students
  - From Australia, Austria, Canada, China, Denmark, Egypt, France, Hungary, India, Italy, Japan, Kyrgyzstan, Malaysia, Mongolia, Norway, Poland, Russia, Serbia, South Korea, Sweden, Taiwan, UK, USA, and Vietnam
  - Imagine watching Eurovision with these people!
- Party Every Week for the First 2 Months!
Contact to Swiss People

Limmat River
Schweizerdeutsch

- **Ch**
  - [ç] -> [x]
- **Vocabulary Difference**
  - Ein Croissant -> es Gipfeli
  - Ein Hähnchen -> es Poulet
  - Ein Kaffee -> en Kafi
  - Drei -> drü
  - Funf -> foif
  - Neun -> nü
- **Disagree?**
  - Ich bin nicht sicher…
Most People Speak English!
  - But only downtown…

Nice but Quiet and Conservative People
  - Japan of Europe?
Cultural Life

Fireworks display during Züri Fäscht.
Sechseläuten
Züri Fäscht
Leisure Time

Cheese on Toast – Swiss quality!
Traveling – Firenze, Italia
Traveling – Roma, Italia
Traveling – Napoli, Italia
Traveling – Bern, die Schweiz
Traveling – Luzern, die Schweiz
Traveling – Interlaken, die Schweiz
Traveling – Junfraujoch, die Schweiz
Traveling – Zermatt, die Schweiz
Traveling – Genève, le Suisse
Cooking – Before
Cooking - After
Cooking - After
Cooking - After
Cooking - After
Cooking - After
Cooking - After
Cooking – Before vs After. So Proud of Myself!
Conclusion

Panoramic cruise on lake lucerne
Magical Experience. Just One Advice.

- Doing Research Project vs Taking Courses?
Questions?

Thank You for Your Attention.
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