Excursion: Applications of Computer Vision

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Organisation of the Excursion

- Excursion topic: Computer aided analysis of medical imaging
- Company: Contextflow (https://contextflow.com/)
- You **have to** visit the excursion to pass the course
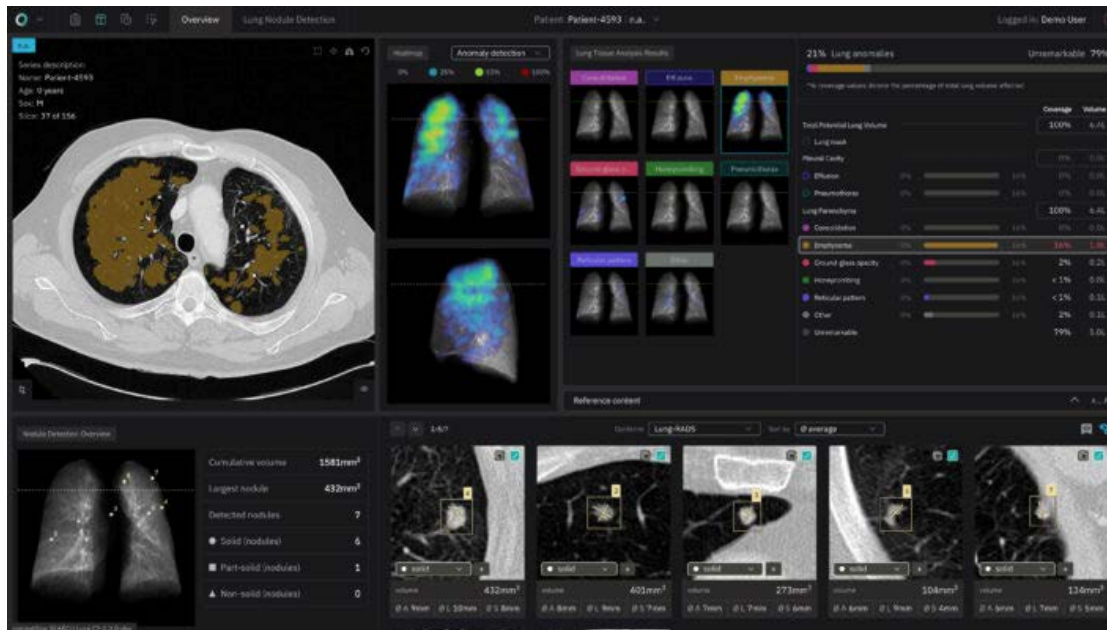

Image taken from: https://contextflow.com/

Organisation of the Excursion

- Excursion date: TUE 05.12. 9:00-11:00

- We will meet in front of Margaretenstraße 70, 1050 Wien. Please be there 10 min before the excursion starts.

- After Excursion you have to
    - Create a written report
    - Create a presentation

During the excursion

- If you feel sick or cannot attend due to other reasons contact me (mwoedlinger@cvl.tuwien.ac.at)
- Ask questions (!!)

Written Report

- **4 pages** per student including references

- No generic „excursion summary"

- Pick a problem related to the excursion.

  - What is the problem that needs to be solved?

  - How was computer vision used to solve it?

- Enter your topic here and ensure that no one has the same topic: https://docs.google.com/spreadsheets/d/10mDD52fX5U029isTE8k87c4snotzUKX97jJ1YZfKHMM/edit?usp=sharing

Written Report

- Structure:
  - Introduction
  - Problem statement
  - Solution/discussion of state-of-the-art approaches
  - Conclusion
- Due Dates
  - First draft: 08.01.2024
  - Final report: 22.01.2024

Presentation

- Max **8 min** per person
- Due Date: 22.01.2024

Summary of Tasks

- Find and describe computer vision applications
- Present the results
  - Written document (4 pages)
  - Presentation (max. 8 minutes per student)

Schedule

13.11.2024 (today)	**1. Excursion exercise**: Details on excursion, work plan, work flow, preparations
5.12.2023 9:00-11:00	**2. Exkursion exercise**: Excursion to emotion3d
15.01.2024	**3. Excursion exercise**: Discussion of the 1st document, improvements, planning of presentation
22.01.2024	**Final Presentations**: 1 Document submission 1 Presentation submission

DEADLINE 1st DRAFT
08.01.2024
Submission to
mwoedlinger@cvl.tuwien.ac.at

Applications of Computer Vision

Analyze 3d medical images

Thank you

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https://cvl.tuwien.ac.at/course/applications-of-computer-vision-ex/