

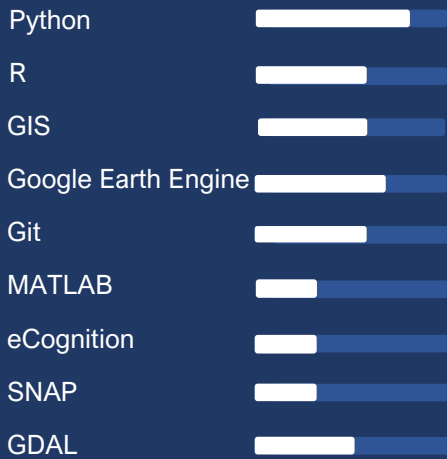


Ka Hei Chow

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🌐 <https://github.com/pinkychow1010>

Programming/Software



Skills

- Machine Learning
- Spatio-Temporal Image Processing and Analysis
- Statistics

Last Updated: May 2022

Education

- 10/2020 – **M.Sc.: Applied Earth Observation and Geoanalysis**
Present [Julius Maximilian University of Würzburg](#)
- 10/2016 – **B.Sc.: Liberal Arts and Sciences**
10/2020 **(Environmental- and Geo- Science)**
[Albert Ludwig University of Freiburg](#)
 - Exchange at The Australian National University

Experience

- 05/2022 – **Remote Sensing Intern**
06/2022 [German Aerospace Center \(DLR\)](#)
- 02/2022 – **Geospatial Data Engineering Intern**
04/2022 [OroraTech GmbH](#)
- 02/2021 – **Research Assistant on Open Data Cube**
03/2022 [Julius Maximilian University of Würzburg](#)
- 06/2021 – **Spatial Analyst Intern**
10/2021 [Dian Fossey Gorilla Fund International](#)

Selected Projects

Deep Learning-based Locust Outbreak Prediction in Ethiopia using Landsat and FLDAS data
[Julius Maximilian University of Würzburg](#)

Spatial Analysis of Snowline Elevation Dynamics in the European Alps using Landsat data
[Contract by German Aerospace Center \(DLR\)](#)

Water Quality Assessment for Global WaterPack based on MODIS daily product
[Contract by German Aerospace Center \(DLR\)](#)

Data Fusion using Landsat and MODIS daily product
[Contract by German Aerospace Center \(DLR\)](#)

Research Interests

- Climate Change
- Water Resources
- Geological hazards

Languages

Working proficiency in English (C1), German (B2) and Chinese (C2)