

Kevin Juandi
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<https://github.com/Chiuchiyo>

Education

- **University of London** Part-time distance learning
Computer Science October 2022 - Present
- **University of Colorado**
Master of Science in Data Science March 2023 - June 2024
- **Georg-August-Universität Göttingen**
Physics October 2012 - February 2022

Work Experience

- **Georg-August-Universität Göttingen** October 2017 - February 2022
Teaching Assistant
 - Part of the team tutoring freshmen for preparation of basic lab courses in classes of 30 students.
 - Taught students to perform error calculation, writing lab reports in LaTeX and gnuplot for graph plotting.
 - Supervised group of 6 conducting basic experiments.
- **Max Planck Institute for Dynamics and Self-Organization** October 2015 - November 2015
Research Assistant
 - Reverse engineered 3D ultrasound data stored in DICOM format to raw data.
 - Processed the raw data to 3D object using freeglut.

Skills

Programming Languages: C/C++, JavaScript, Unix Shell, R, Python

Machine Learning Packages (Python): scikit-learn, TensorFlow, PyTorch

Languages: Bahasa Indonesia, English, German, Mandarin, Hokkien

Miscellaneous: Good understanding of mathematics, statistics and machine learning algorithms.

Personal Projects and Interest

2023 - Present Classification of heartbeats with machine learning.

2022 GPT-2 based Donald Trump chatbot trained with 2020 presidential debate.

Interests: Generative AI (e.g. GAN and its potential use in medicine), Natural Language Processing, Computer Vision, Non-linear Dynamics Simulation, Quantitative Epidemiology.