



Xuan Gao

Summary

A rigorous MSc electrical engineer specialized in signal processing with great passion in latest technologies. Being educated in an international environment, I am equipped with both strong academic background and an open mindset. I am looking for a challenging full-time graduate job in the technology field which can apply my analytical and supportive skills into work.

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Address:

Delft, The Netherlands

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Skills

MATLAB, Python, Jira
Project Management Tool,
Arduino Embedded
System Development

Chinese, English (C1),
Dutch (A2)

Key Courses

signal processing, convex
optimization, machine
learning, tensor networks,
array processing

Key Projects

Avocado price regression
(machine learning);
compressed sensing
(convex optimization);
Adaptive ECG noise
cancellation (signal
processing)

Hobbies

Playing ukulele, learning
languages, music r&b,
foodie

Education

TU Delft, the Netherlands

Sep 2021 – July 2023 (expected graduation date)

- M.Sc. Electrical Engineering (signals & systems)
- M.Sc. thesis: adaptive SVD clutter filtering of fUS imaging at Erasmus MC

University of Essex, the UK

Northwest University*, China

Sep 2017 – July 2021

- B.Sc. Electronic system engineering & Electronic Information Science and Technology
- B.Sc. thesis: LTspice simulations of a four-switch buck-boost converter
- GPA: 3.62/4.0 & First Class
- *A joint double-degree bachelor program with the first three years studying in China and the final year studying in the UK.

University of Southampton, the UK

July 2019 – Aug 2019

- International summer school student. GPA: 93/100

Experience

Erasmus MC, Rotterdam

Nov 2022 – July 2023

- M.Sc. Thesis on adaptive SVD clutter filtering of fUS imaging

Resident Assistant at DUWO student housing, Delft

July 2022 – Aug 2022

- Assisted 35 students to settle down to their new places
- Improved communication skills

Poverty alleviation and social services

Oct 2017 – Oct 2021

- 114 hours voluntary time.
- Volunteered as a primary school teacher, Chinese ethnic minority investigator, tourist guide, marathon volunteer, and TNW Conference 2021 stage management team volunteer.