

# Chih-Chieh Lin

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## Summary

A second year Master Computer Science student (from Sep 2021) in the big data engineering track, seeking full-time internship position starting from Nov 2021. My major interests are Data Analysis, Data Science, and Data Engineering. I am open-minded and willing to meet new challenges and different people, desire to learn new skills and knowledge.

## Education

### VU (Vrije Universiteit Amsterdam) & UvA (University of Amsterdam)

Amsterdam, The Netherlands

MASTER'S PROGRAM COMPUTER SCIENCE, BIG DATA ENGINEERING TRACK

Sep. 2020 - Jun. 2022(expected)

- Average Grade in First Year: 7.9 / 10
- Relevant Courses: Machine Learning for the Quantified Self, Data Mining Techniques (Ranked 2/279 in the kaggle competition), Information Visualization, Dynamic Programming and Reinforcement Learning, The Social Web, Web Data Processing System, Large Scale Data Engineering

### NTU (National Taiwan University)

Taipei, Taiwan

BACHELOR OF SCIENCE

Sep. 2014 - Jun. 2018

- Department of Physics
- **Minor** in Computer Science and Information Engineering, CS-Related GPA: 3.51/4.3
- Overall GPA: 3.34/4.3, Last 60 GPA: 3.63/4.3
- Relevant Courses: Algorithm Design and Analysis, Computer Architecture, Computer Networks, Data Structure and Algorithm, Digital systems Design and Laboratory, Discrete Mathematics, Formal Language and Automata Theory, Linear Algebra, Machine Learning, Operating Systems, Probability, Virtual Reality

### NCU (National Central University)

Taoyuan, Taiwan

UNDERGRADUATE STUDENT IN DEPARTMENT OF PHYSICS

Sep. 2013 - Jun. 2014

- Average Grade: 85/100

## Skills

<b>Programming</b>	Python (Tensorflow, Numpy, Pandas, Matplotlib, etc for modeling and analyzing), <b>C/C++</b> , <b>Matlab</b>
<b>Front-end</b>	<b>HTML5</b> , <b>CSS</b> , <b>JavaScript</b> (limited experience with making basic visualization application)
<b>Languages</b>	<b>Mandarin</b> (native), <b>English</b> (high-intermediate), <b>Japanese</b> (basic)
<b>Others</b>	<b>Git</b> , <b>L<sup>A</sup>T<sub>E</sub>X</b>

## Academic Projects

- Jun 2021 **Clarifying Body Workout Activities**, A performance comparison among machine learning models [\[link\]](#)
- May 2021 **Personalize Expedia Hotel Searches**, Learning to rank hotels to maximize purchases using LightGBM [\[link\]](#)
- Apr 2021 **On Forecasting Mood from Smartphone Use with Machine Learning**, Predicting by GBM and RNN [\[link\]](#)
- Mar 2021 **Your Best Country to Live After Retiring in Europe**, A visual application webpage built with Flask, D3.js [\[link\]](#)
- Dec 2020 **US Election in Twitter**, Comparing the result with prediction from tweets using sentiment analysis [\[link\]](#)
- Nov 2020 **Entity Linking**, A entity linker to Wikidata using NLP process and Name Entity Recognition(NER) [\[link\]](#)
- Oct 2020 **Deep Location**, Photo geolocation task tackled by ResNet using Databrick File System(DBFS) [\[link\]](#)
- Jun 2018 **Super Resolution**, Using a GAN model to achieve Photo-Realistic Single Image Super-Resolution