

Wen-Ya Lin

PROGRAMMING · IMAGE PROCESSING · M.S. STUDENT

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Education

National Taiwan University

M.S. IN MECHANICAL ENGINEERING

- Overall GPA: 4.0/4.3
- Research focus on AI application in medical imaging.

Taipei City, Taiwan

Sep 2018 – Present

National Taiwan University

B.S. IN MECHANICAL ENGINEERING

- Senior GPA: 4.1/4.3
- Junior GPA: 3.9/4.3

Taipei City, Taiwan

Sep 2014 – Jun 2018

Work Experience

Saturn Imaging

SOFTWARE ENGINEER (INTERN)

- Medical image processing algorithm's R&D.

Taipei City, Taiwan

Aug 2018 – Present

IPPLUS PATENT OFFICE

PATENT ENGINEER (INTERN)

- Patent searching & analysis.
- Patent portfolio analysis.

New Taipei City, Taiwan

Jan 2018 – Aug 2018

Li Peng Precise Machinery Co, Ltd

SUMMER INTERN

- Machine testing & assembling.
- Workpieces processing (using grinding machine, milling machine...etc.).

New Taipei City, Taiwan

Jul 2017 – Aug 2017

Fong Kee International Machinery Co., Ltd.

CUSTOMER SERVICE ENGINEER (WINTER INTERN)

- Studied related knowledge of the hydraulic power system on company's Extrusion Molding Machine.
- Organized above as teaching material for non-engineering background staff members.

Tainan City, Taiwan

Feb 2017 – Feb 2017

Skills

Programming & Tools

C, C++, Python, Web (JavaScript, HTML, CSS), MATLAB, Git, LaTeX

Engineering software

LabVIEW (CLAD certificate), AutoCAD, Creo Parametric, Mathematica

Language

English (TOEIC 950), Japanese (JLPT N3), Mandarin (Mother tongue)

Selected Projects

Click on the Title for Detailed Explanation

Google-Patents-Scraper

AUTOMATICALLY DOWNLOAD ALL PDF FILES OF SEARCHING RESULTS & THEIR PATENT FAMILIES ON GOOGLE PATENTS.

[Python](#)

Level-Set-Visualizer

VISUALIZE IMAGE SEGMENTATION BASED ON LEVEL SET METHOD.

[C++](#)

Webaholic-Reminder

A CHROME EXTENSION REMIND YOU TO WORK WHEN YOU SPEND TOO MUCH TIME ON THE INTERNET.

[JavaScript, HTML, CSS](#)

Dicom-Viewer

AN APPLICATION WHICH COULD DISPLAY AND EDIT 2D/3D DICOM IMAGE.

[Python](#)

Spoken-Digit Recognizer

BUILD ML MODEL WITH KERAS TO RECOGNIZE CHINESE/ENGLISH SPOKEN-DIGIT.

[Python](#)