# **Di-Hsuan Kuo**

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DOB: 13-Nov-1995

### **Education**

National Taiwan University, Taipei, Taiwan

September 2014 - Present

- B.S. Electrical Engineering (EE)

Taipei First Girls High School, Taipei, Taiwan

September 2011 - September 2014

## **Work and Club Experiences**

In-House EDA tools Designer

#### **National Taiwan University Electrical Engineering Student Association**

September 2016 - Present

MediaTek, Hsinchu

Internship

July 2016 - August 2016

Write a program to speed up the simulation process

Physics & Maths tutor

August 2014 - June 2015

**Taipei First Girls High School Student Council** 

September 2011 - June 2013

## **Professional Competence**

### **English Verification:**

The General English Proficiency Test (GEPT) -- High Intermediate Level

TOEIC – score 920

**Programming Languages :** C++, Python, Matlab **Image Processing Software:** Photoshop, Blender

**Attended Courses:** 

Data Structure & Programming, Algorithm, Machine Learning, Digital Visual Effect

## **Awards & Honors**

2<sup>nd</sup> prize, 2014 Holland International Environment & Sustainability Project Olympiad

2<sup>nd</sup> prize, 2014 Taiwan International Science Fair, Physics & Astronomy

3<sup>rd</sup> prize, 2013 International Intelligent Ironman Creativity Contest

# **Projects**

### **Light field display**

September 2016 - Present

Build a prototype of near-eye light field display which could solve the problem of vergence accommodation conflict.

### **Kaggle - Outbrain Click Prediction**

December 2016 – January 2017

Predict the users' behavior by using FFM. Our final rating is 90 out of 979.

### **EDA project about Fraig (Functionally Reduced And – Inverter Graph)**

A project which uses SAT solver and data structures to optimize the circuits.