

# Ik Teng Liaw

iktengliaw@gmail.com | +1 (608) 3954386 | github/ikteng | ikteng.github.io

## SKILLS

- Proficient in Python, Flask, Java, HTML and CSS
- Familiar with deep-learning frameworks (PyTorch, TensorFlow, Keras, scikit-learn, etc.)
- Strong understanding and application of data structures & algorithms
- Proficient in English and Chinese
- Proficient in Microsoft Office Suite, Canva & Figma
- Independent and self-motivated learner with good communication skills
- Effective collaborator in multidisciplinary teams with adaptability to diverse work environments
- Strong analytical and critical thinking skills
- Experienced with data presentations tools (Matplotlib, Seaborn, etc.)

## EDUCATION

### University of Wisconsin – Madison (USA)

Bachelor's Degree of Science in Computer Science

CGPA: 3.46/4.00

Sep 2023 – May 2025 (expected)

### Sunway University (Malaysia)

American Degree Transfer Program

CGPA: 3.48/4.00

Jan 2022 - Aug 2023

## Relevant Courses

- Computer Science: Programming I-III, Introduction to AI, Introduction to Computer Engineering, Machine Organization and Programming, Introduction to Human-Computer Interaction, Introduction to Algorithms
- Mathematics: Introduction to Discrete Mathematics, Calculus & Analytic Geometry I & II, Calculus-Functions of Variables, Introduction to Probability & Mathematical Statistics I, Elementary Matrix and Linear Algebra

## PROJECTS

### Movie Reviews Classification

[https://github.com/ikteng/Movie\\_Reviews](https://github.com/ikteng/Movie_Reviews)

- Built and trained a deep learning model to classify movie reviews as positive or negative, employing various machine learning techniques on the IMDb dataset to accurately predict sentiment

### Ice Days of Lake Monona Predictor

<https://github.com/ikteng/Ice-days-of-Lake-Monona>

- Conducted linear regression analysis to forecast the number of frozen days in Lake Monona based on historical data, providing insights into climate patterns.

### Age and Gender Predictor

<https://github.com/ikteng/Age-and-Gender-Predictor>

- Leveraged deep learning methodologies to predict age and gender from facial images using the UTKface dataset, building and training convolutional neural networks (CNNs) and implementing real-time predictions via a Haar cascade classifier for live webcam analysis.

## LEADERSHIP EXPERIENCE AND CAMPUS INVOLVEMENT

### Member, Rotaract Club of Sunway University

Sep 2022 – Aug 2023

- Contributed to various charity events, including fundraising initiatives and the Sunway MS Charity Walk, successfully raising awareness and funds for local causes.
- Actively promoted the EDURACT tutoring project, providing essential academic support to children in the community, fostering educational growth and development.
- Participated in monthly general meetings to strategize event planning, enhance community involvement, and strengthen partnerships with local organizations.

## ACHIEVEMENTS

- Certificate of Academic Honors: Summa Cum Laude (Jan – May 2023)
- Certificate of Academic Honors: Cum Laude (Aug – Dec 2022)
- Jeffrey Cheah Entrance Scholarship 2022