Ik Teng Liaw

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CAREER OBJECTIVES

Motivated and collaborative senior computer science student with expertise in Python and a solid foundation in data analysis, machine learning, and software development. Eager to leverage technical skills and problem-solving abilities in a dynamic and forward-thinking organization.

SKILLS

- Proficient in Python, Java, HTML and CSS
- Familiar with deep-learning frameworks (Pytorch, TensorFlow, Keras, etc.)
- Good understanding of data structures
- Proficient in English and Chinese
- Proficient in Microsoft Office Suite
- Independent and self-motivated learner
- Good communication skills
- Able to work collaboratively in a multidisciplinary team
- Strong analytical and critical thinking skills

EDUCATION

University of Wisconsin – Madison (USA)   **Sep 2023 – May 2025 (expected)**

Bachelor's Degree of Science in Computer Science

CGPA: 3.46/4.00

Sunway University (Malaysia)   **Jan 2022 - Aug 2023**

American Degree Transfer Program

CGPA: 3.48/4.00

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

- Builds and trains deep learning model for sentiment analysis on movie reviews
- Predicts whether the given review by the user expresses a positive or negative sentiment
- Uses pandas, sklearn, tensorflow, keras

Ice Days of Lake Monona Predictor

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

- Performs linear regression analysis on data to predict the number of frozen days in Lake Monona based on the year

Age and Gender Predictor

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

- Build and train CNN models to analyze and predict age and gender based on images
- Uses pandas, numpy, sklearn, keras and cv2

LEADERSHIP EXPERIENCE AND CAMPUS INVOLVEMENT

Member, Rotaract Club of Sunway University   **Sep 2022 – Aug 2023**

- Coordinated charity events, including fundraising initiatives and organizing the Sunway MS Charity Walk
- Promoted the EDURACT tutoring project, providing academic support to children in the community
- Attended monthly general meetings to contribute to event planning and community engagement

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