Ik Teng Liaw

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CAREER OBJECTIVES

Motivated 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 within a dynamic and forward-thinking organization.

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)   **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
- 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