ERIC BENNETT
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EDUCATION

University of Maryland, College of Computer, Mathematical and Natural Sciences   Expected Graduation: May 2026
Bachelor of Science in Computer Science, Machine Learning Specialization   GPA: 3.45
Bachelor of Arts in Chinese

Global Fellows in Washington D.C. Program- U.S. Intelligence and Policy Making   August 2024 - Present
- A selective academic program combining a Fall foreign policy seminar and a summer internship.

National Taiwan University   January 2025 – June 2025
- Attended Chinese language courses and Computer Science courses taught in Mandarin.

National Taiwan Normal University   June 2023 – August 2023
- Recipient of Huayu BEST Scholarship for Chinese Summer Language and Literature study abroad program.
- Competed in a Chinese speech competition with the topic of "The Impact of AI on Humans."

Relevant Coursework
- Natural Language Processing, Deep Reinforcement Learning, Machine Learning, Artificial Intelligence, Linear Algebra, Chinese Language 2 (Accelerated), Object Oriented Programming 1&2, Algorithms, Database Design

PUBLICATIONS

Evaluating Evaluation Metrics for Ancient Chinese to English Machine Translation   May 2025
Eric Bennett, HyoJung Han, Xinchen Yang, Andrew Schonebaum, Marine Carpuat
- Completed a meta-evaluation of machine translation evaluation metrics for Classical Chinese to English translation using a contrastive test set of synthetic translations.

EXPERIENCE

UMD Computational Linguistics and Information Processing Laboratory   College Park, MD
Research Assistant   February 2024 - Present
- Developing tools for the translation of Classical Chinese texts using LLMs under a $100,000 seed grant from the Artificial Intelligence Interdisciplinary Institute at Maryland advised by Dr. Marine Carpuat.
- Exploring the usage of LLMs as a judge of translation quality for machine translation evaluation of low resource languages.

Gemstone Honors Research Program   College Park, MD
Research Assistant   August 2022 - Present
- Analyzing university course syllabi to observe and quantify the rise of recognition and sentiment towards the usage of generative AI tools in the classroom under advisors Dr. Jing Liu and Dr. Lucas Butler.

Special Competitive Studies Project   Arlington, VA
Research Assistant   June 2025 – August 2025
- Generated and analyzed data regarding U.S.-China competition in emerging tech sectors including artificial intelligence, nuclear fusion, quantum computing, and 6G.
- Studied the comparative government policy difficulties of developing LLMs in the U.S. and China.

PROJECTS

Cognitive Alignment – Reducing Order Bias in MCQ Answering
- A novel method to reduce order bias in multiple choice question answering by LLMs. The technique decouples answer selection from answer order by comparing free-response LLM outputs with answer choices using embedding similarity and is shown to reduce order bias across metrics in multiple languages and subject areas.

Classical Chinese Translation Tool
- Translation interface used by UMD faculty in research requiring translation of large quantities of Classical Chinese.
- Translates chunks of text using LLMs, placing markers within the original and translated text to facilitate easy maneuvering between the two to ensure the original text is accurately represented. Allows for the translation of entire novels at a time

EXTRACURRICULAR

Chris and Eric's Small Batch Pickles, *Cofounder/CEO*   February 2023 - Present
- Received a non-dilutive grant for $1,000 from the Dingman-Lamone Center for Entrepreneurship.
- Lead a team of 7 employees in the functions of production, marketing, and operations of a Maryland recognized LLC with over $5,000 in sales to date.

DISTINCTIONS/AWARDS

UMD Omicron Delta Kappa Honor Society: University of Maryland Top Ten Freshmen Award
UMD School of Languages, Literatures, and Cultures: Tsung Chin Chinese Calligraphy Scholarship Recipient
Boy Scouts of America: Eagle Scout Award

SKILLS

Technical: Python (Tensorflow, Pytorch, NLTK, NumPy, Pandas, Matplotlib), Java, HTML, MATLAB, JavaScript (React), C
Languages: English (native), Chinese (advanced)