# **ERIC BENNETT**

3108 Dunes Drive, Ellicott City, MD • 443-608-8108 • ericbennett344@gmail.com

## **EDUCATION**

University of Maryland, College of Computer, Mathematical and Natural Sciences

Expected Graduation: May 2026

Dual Degree Program:

GPA: 3.45

Bachelor of Science in Computer Science, Machine Learning Specialization

Bachelor of Arts in Chinese

Global Fellows in Washington D.C. Program- U.S. Intelligence and Policy Making

August 2024 - Present

• A selective year-long academic program combining a Fall foreign policy seminar and a summer internship.

National Taiwan University, College of Electrical Engineering and Computer Science

January 2025 - Present

Attending 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."

## **EXPERIENCE**

## **Special Competitive Studies Project**

Arlington, VA

Research Assistant

June 2025 – Present

- Supporting a research initiative founded by Eric Schmidt (former CEO of Google) and advised by David Lin, a 12year veteran of the State Department and Central Intelligence Agency.
- Generating and analyzing data regarding U.S.-China competition in emerging tech sectors including artificial intelligence, nuclear fusion, quantum computing, and 6G.
- Studying the Chinese Large Language Model landscape in China to identify how to limit Chinese AI development.

University of Maryland Computational Linguistics and Information Processing Laboratory (CLIP) College Park, MD Student Researcher February 2024 – Present

- Authored paper "Evaluating Evaluation Metrics for Ancient Chinese to English Machine Translation" accepted to Ancient Language Processing 2025 under dual advisors Dr. Marine Carpuat in the Department of Computer Science and Dr. Andrew Schonebaum in Department of East Asian Languages and Cultures.
- Leveraging natural language processing techniques to improve semantic understanding of Ancient Chinese texts.
- Developing and applying Ancient Chinese datasets to fine-tune Large Language Models for machine translation.

### **Gemstone Honors Research Program**

College Park, MD

Research Intern

August 2022 - Present

• Member of Team TAIP (Teaching AI Platform), a research team advised by Dr. Jing Liu focused on the intersection of education and artificial intelligence with the goal of analyzing the current state of AI tools in education.

## Johns Hopkins University Applied Physics Laboratory

June 2021 - June 2022

ASPIRE High School Intern

• Conducted research and presented a report on the State of Coronavirus Research Prior to the COVID-19 Pandemic, utilizing bibliometric models to create data visualizations based on research database metadata.

#### **PROJECTS**

### **Mandarin Trainer**

June 2023 – Present

• Chinese vocabulary learning tool created using React.js and the react-bootstrap library. Utilizes a spaced repetition learning algorithm designed to encourage long term retention of content.

### **Classical Chinese Translation Tool**

December 2023 - Present

- Translation interface used by UMD Faculty in research requiring translation of large amounts of Classical Chinese.
- Places markers within the original and translated text to facilitate easy maneuvering between the two in order to ensure the translated 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 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 Freshman 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, NLTK, NumPy, Pandas), Java, HTML, MATLAB, JavaScript (React), C, OCaml, Rust Languages: English (native), Chinese (advanced)