

# Evan Wong

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## EDUCATION

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DICKINSON COLLEGE, Carlisle, PA

August 2020 – May 2024

Bachelor of Science in Computer Science, Minor in Chinese

**Relevant Courses:** Database Systems, Topics in Data Mining, Artificial Intelligence, Data Structures & Algorithms, Computability & Complexity, Large-Scale Open-Source Software Engineering, Object-Oriented Programming

GPA: 3.58, *Cum Laude*

Dean's List: **Fall 2023, Spring 2024**

## SKILLS

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**Computer Languages:** Python, Java, R, SQL, HTML, CSS, JavaScript/TypeScript

**Tools & Frameworks:** Svelte, React.js, Next.js, Django, PyTorch, Tailwind CSS

**Cloud Technologies:** Microsoft Azure

**Databases:** MySQL, PostgreSQL, MongoDB

**Languages:** English – Native, Cantonese – Fluent, Mandarin – Advanced

## EXPERIENCE

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**Research Assistant at Dickinson College**, Carlisle, PA

July 2023 – August 2024

- Project Title: How Emotions are Coded: A Diachronic Analysis of Chinese Pop Song Lyrics Using Big Data
- Worked with NLP and Text Mining using Python and R to extract sentiment data from 300,000+ Chinese pop song lyrics
- Conducted diachronic data analysis to explore emotional trends over time
- Designed and implemented a dedicated webpage with React, Django, and Plumber to dynamically graph data using R

**Teaching Assistant at Dickinson College**, Carlisle, PA

February 2024 – May 2024

- Designed and implemented a dedicated webpage with HTML, CSS, and JS for Intermediate Chinese Courses
- Collaborated with professors to digitize and centralize course materials for enhanced accessibility
- Employed AI chat completion to generate supplemental exercises to accelerate language learning

**IT Assistant Intern at Hackley School**, Tarrytown, NY

July 2022 – July 2023

- Modified and utilized Centipede Arduino script to significantly optimize Chromebook enrollment time at 6x efficiency
- Managed security software installation with Azure Active Directory
- Reconfigured and mapped 80+ wireless access points onto campus map, improving network management
- Methodically organized network data closets to streamline maintenance operations

**Media Center Assistant at Dickinson College**, Carlisle, PA

September 2021 – May 2024

- Providing technical support and managing equipment loans for students and staff
- Assisting with understanding media equipment operation, emphasizing effective usage
- Managing inventory and maintenance of media equipment, ensuring optimal functionality

**Intern at Future Proof**, Queens, NY

Summer 2018

- Examined the architecture of the company's webpage, identifying areas for improvement
- Enhanced the layout of the company website through HTML/CSS improvements

## Projects

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**Verbmate**

June 2024 – Present

- Verbmate is a partner centric language learning platform that pairs users together for real-time conversation practice
- Utilizing AI to generate personalized exercises based on user conversations to further enhance language learning

**Contribution to HuggingFace Open-Source Library Platform for Data Science & ML**

August 2023 – May 2024

- Enhanced versatility of the trainer class to facilitate both text and image tokenization/preprocessing
- Revised documentation implementing missing dependencies for clearer comprehension

**Contribution to FarmData2 Open-Source Database Software for Agricultural Management**

August 2021 – May 2022

- Implemented an intuitive harvest report feature on the web interface, enabling efficient data visualization