

Merrick Ohata



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education

Johns Hopkins University

Baltimore, MD

Candidate for BS in Applied Mathematics and Statistics (Whiting School of Engineering)
Candidate for BM in Music Composition (Peabody Conservatory)

- Minor in Historical Performance
- Coursework Includes: Advanced French (301-302), Eloquent French (417), Introduction to Optimization (361), Intro to Probability (420/620), Introduction to Statistics (430/630), Intro to Data Science (436/636), Time Series Analysis (439/639)

Class of 2023

Oak Park and River Forest High School

Oak Park, IL

High School Diploma, Cum Laude

2015 - 2019

Lycée Antoine Bourdelle

Montauban, France

High school language immersion semester study abroad

- Received *Félicitations du Conseil de Classe*

January - June 2017

moyenne: 16.54/20.00

work experience

University of Southern California Alzheimer's

Therapeutic Research Institute - *Biostatistics Unit*

Intern

San Diego, CA

Created graphics and promotional materials for the biostatistics team including redesigning the website and logos and producing promotional videos and materials for the unit and clinical trial partners.

May - August 2021

Johns Hopkins University Department of Applied

Math and Statistics - *Teaching Assistant*

Baltimore, MD

Assisted professor teaching Discrete Mathematics. Duties included preparing for and leading weekly section classes, holding regular office hours, grading and writing solutions for homework and exams, and conducting review sessions.

January 2021 - Present

The Learning League Oak Park - *Tutor*

Oak Park, IL

Tutored local elementary, middle, and high school students in a variety of subjects including English, math, French, and SAT prep.

August 2018 - July 2019

leadership

Peabody Student Leadership - *Community Fellow*

Baltimore, MD

- Assisted in planning, executing, and assessing large- and small- scale Peabody events
- Assisted with New Student Orientation and applicant programming
- Built affinity within student community and greater Baltimore area

May 2020 - May 2022

Hopkins Sport Taekwondo Club - *President*

Baltimore, MD

- Maintained effective communication between Hopkins Administration, contracted Masters from Parent Dojang, club members, and administrative board
- Organized and led weekly board meetings to ensure smooth function of club activities

May 2022 - Present

Mixed Martial Arts - *Instructor/Busabunim*

Oak Park, IL

- 3rd degree black belt in combination Taekwondo, Tang soo do, Hapkido combination
- Led lower-ranked students in practice to help realize their personal goals
- Ensured acquisition of required skills for upcoming promotion tests

2014 - Present

awards & certifications

Johns Hopkins Dean's List

Every semester available

Illinois State Seal of Biliteracy in French

May 2019

ILMEA Composition Contest Honorable Mention, Avant-Garde

January 2019

National Merit Finalist

February 2019

software & languages

Microsoft Suite	HTML/CSS
G-Suite	Python
Canva	some Scala
Wordpress	R
Filmora	MatLab
	Finale

English (native)

French (fluent)

skills

Video editing	Organization
Social media	Communication
Data analysis	Problem-Solving
Web Design	Independence

activities & interests

Hopkins Sport Taekwondo Club (2019 - Present)

Martial Arts (2008 - Present)

Scholastic Bowl (2017 - 2019)

Science Olympiad (2014 - 2019)

Société Honoraire de Français (2019 - Present)

Game Balancing in Dominion: An Approach to Identifying Problematic Game Elements
EAAI-22, 2022