

# ALEXANDER J. UNG

CLASS OF 2025

## AWARDS

### Math

ICTM State 2023  
1<sup>st</sup> Place: Fr/So 8-person team  
4<sup>th</sup> Place: Jr/Sr 8-person team  
6<sup>th</sup> Place: Geometry team  
ICTM Regionals 2023  
1<sup>st</sup> Place: School  
1<sup>st</sup> Place: Fr/So 8-person team  
1<sup>st</sup> Place: Geometry individual  
Math Kangaroo 2023  
3<sup>rd</sup> Place State/10<sup>th</sup> Place National  
Math Kangaroo 2022  
1<sup>st</sup> Place State/3<sup>rd</sup> Place National  
2024 AIME Qualifier

### BPA

1<sup>st</sup> Place State 2024 (Java Programming)  
National Qualifier 2024 (Java Programming)  
State Qualifier 2023 2024  
(SQL Fundamentals | Java Programming | C++ Programming)

### DECA

1<sup>st</sup> Place State: Hotel Management  
Virtual Business Challenge  
State Finalist 2024 (Financial TDM | Financial Literacy Project)

### Academic Challenge

1<sup>st</sup> Place Sectional 2024: Computational Science  
State Qualifier 2024 (Physics | Computational Science)

### National Honor Society

Inductee 2023

### USACO

Silver Qualifier

### Student Leadership Council

Redhawk ELITE 2023 2024

### CONTACT:

711 Wellner Road  
Naperville IL 60540  
331-330-1948  
alexung2007@icloud.com

## EDUCATION

NAPERVILLE CENTRAL HIGH SCHOOL, NAPERVILLE IL

GPA 4.0 unweighted | 4.71 weighted

PSAT 1470 | EBRW 710 Math 760

ACT 35 | Math 36 Reading 36 English 34 Science 34

**AP Scholar with Honor:** Calculus BC (5) | Computer Science A (5) | Human Geography (5) | US History (5)

**Current AP classes:** Physics C | Macroeconomics | Microeconomics | Language & Composition

**Advanced classwork:** Multivariable calculus

**RESEARCH** with Professor Ayis Pyrros, University of Illinois Chicago

*Opportunistic detection of disease processes utilizing deep learning from data obtained with abdominal surface mapping.*

## EXTRACURRICULARS

**Science Bowl Team**, Founder & Captain [2023 2024]

**Math Team** [2022 2023 2024] State Team [2023 2024]

**DECA** [2021 2022 2023 2024]

**BPA** (Business Professionals of America) [2021 2022 2023 2024]

**Class Council Member** [2021 2022 2023 2024]

**Computer Science Club** [2022 2023 2024]

**Academic Challenge** [2023 2024]

## ATHLETICS

**NCHS Golf Team:** Varsity 2023 (IHSA Regional Qualifier) JV 2021 2022

**NCHS Swim Team:** Varsity 2022 2023 2024 (IHSA Sectional Qualifier) JV 2021

**NCHS Water Polo Team:** Varsity 2024 JV 2022 2023

## ARTS

**Illinois Ambassadors of Music** 2023

Selected to an Illinois All-State Band (alto saxophone). Performances in the United Kingdom, France, Switzerland, Germany and Austria.

**Play Piano | Alto Saxophone | Bassoon | Clarinet**

## EXPERIENCES

**Teaching Assistant:** Math Kangaroo Prep Camp 2023 2024

**Volunteer Swim Coach:** Huntington Estates 2022 2023

**Volunteer:** Naperville Park District 2021 2022 2023

**Independent Study:** Paul Schindler, CEO of Schindler Technology  
*Database management and modification utilizing Excel spreadsheets.*