

# JOOYOUNG OH

JooyoungOh2026@u.northwestern.edu · +966 50 128 9942 · Evanston, IL 60201  
[www.jooyoungoh.com](http://www.jooyoungoh.com) · [www.github.com/7ooyoungoh](https://www.github.com/7ooyoungoh) · [www.linkedin.com/in/7ooyoungoh](https://www.linkedin.com/in/7ooyoungoh)

## EDUCATION

### NORTHWESTERN UNIVERSITY

BACHELOR OF SCIENCE IN ECONOMICS AND INDUSTRIAL ENGINEERING

Evanston, IL

Expected: June 2026

- **Concurrent Master's Degree in Computer Science** · Cumulative GPA: N/A
- **Relevant Coursework:** Fundamentals of Computer Programming, Honors Multivariable Differential Calculus for Engineers, Linear Algebra with MATLAB, Design Thinking and Communication

### AMERICAN HIGH SCHOOL DHAHRAN

GPA: 4.54/4.0 · Stanford Pre-Collegiate Scholar in Mathematics // Dual Enrollment

Dhahran, Saudi Arabia

Graduated: May 2021

## TECHNICAL EXPERIENCE

### CLUBCONNECT, THE GARAGE AT NORTHWESTERN

FULL-STACK SOFTWARE DEVELOPER

Evanston, IL

August 2022 – Present

- Collaboratively established front- and back-end for ClubConnect, a student-initiated startup within Northwestern's incubation space "the Garage" that aims to provide
- Leveraged Node.js, React.js, and Next.js for frontend development and AWS Amplify, Cognito, AppSync, and Aurora for backend configuration of user authentication, GraphQL API, SQL database, and web/mobile application deployment

### UNIVERSITY COLLEGE LONDON

DATA SCIENCE AND STATISTICAL MODELING INTERN

London, United Kingdom

January 2021 – February 2021

- Engaged in case studies projects under supervision of engineers and data scientists from Rolls Royce, McLaren Automotive, and Virgin Atlantic to suggested informed solutions to increasing automobile carbon emission
- Leveraged MATLAB and R to analyze the trend of blah and blah blah

## LEADERSHIP EXPERIENCE

### MU ALPHA THETA MATHEMATICS HONOR SOCIETY

CHARTERER AND PRESIDENT

Khobar, Saudi Arabia

August 2019 – May 2022

- Managed on- and offline tutoring programs to assist 50+ local middle and high school students
- Organized the Saudi Arabian Intra-Kingdom Mathematics Olympiad involving 100+ participants across the kingdom
- Communicated with the Mathematical Association of America to organize the first American Mathematics Competition (AMC) and American Invitational Mathematics Examination (AIME) hosted in Saudi Arabia

### HABITAT FOR HUMANITY INTL.

REGIONAL PROJECT MANAGER

Umgababa, South Africa

August 2019 – May 2021

- Arranged community-wide fundraising projects that amounted to 18,000 USD in total
- Managed the purchasing of construction materials and managed travel to Umgababa, South Africa
- Coordinated construction of houses for the impoverished

### THE ASSOCIATION FOR MUSIC IN INTERNATIONAL SCHOOLS (AMIS)

PRINCIPAL CLARINET, AMIS EUROPEAN HONOR ORCHESTRA

Germany, Italy, Austria

August 2017 – May 2022

- Traveled to Vienna, Hague, Bonn, and Salzburg to lead sectional rehearsals for the orchestra
- Programmed gala concerts for woodwind ensembles

## COMPUTATIONAL & LINGUISTIC SKILLS

**Programming Languages:** HTML, CSS, JavaScript, Python, C, Node.js, React.js, Express.js, Racket, MATLAB, R

**Technologies:** MongoDB, SQLite, AWS Amplify, Heroku, Firebase, REST, GraphQL, Git, GitHub, Npm, Excel, PowerPoint

**Language:** Korean, Native; English, Bilingual; Arabic, Conversational