

# JOOYOUNG OH

Jooyoungoh2026@u.northwestern.edu · +966 50 128 9942 · Evanston, IL 60201  
[www.jooyoungoh.com](http://www.jooyoungoh.com) · [www.github.com/joodevs](https://www.github.com/joodevs) · [www.linkedin.com/in/jooyoung-oh](https://www.linkedin.com/in/jooyoung-oh)

## EDUCATION

---

### NORTHWESTERN UNIVERSITY

BACHELOR OF SCIENCE IN ECONOMICS AND INDUSTRIAL ENGINEERING

Evanston, IL

Sep. 2022 - Jun. 2026

- **Concurrent Master's Degree Program in Computer Science** · Cumulative GPA: N/A
- **Activities:** Northwestern University Financial Technology, Software and Game Development Group
- **Relevant Coursework:** Honors Multivariable Differential Calculus, Linear Algebra, Differential Equations, C/C++ Programming, Statistics, MATLAB, Design Thinking and Communication

## EXPERIENCE

---

### CLUBCONNECT, THE GARAGE AT NORTHWESTERN

FULL-STACK SOFTWARE DEVELOPER

Evanston, IL

Aug. 2022 – Present

- Collaboratively established front- and backend for ClubConnect, a student-initiated startup and resident group within [the Garage at Northwestern](#) that aims to provide enhancements in on-campus communications and organizational analytics
- Constructed user-friendly, mobile-responsive frontend items within web application using Node.js, React.js, and Next.js
- Leveraged AWS Amplify, Cognito, AppSync, and Aurora for authentication, GraphQL API, SQL database, and deployment

### MU ALPHA THETA MATH HONOR SOCIETY

CHARTERER AND PRESIDENT, DHAHRAN CHAPTER

Khobar, Saudi Arabia

Aug. 2019 – May 2022

- Coordinated and led 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
- Coordinated with the Mathematical Association of America to organize KSA's first American Mathematics Competition

### HABITAT FOR HUMANITY INTERNATIONAL

REGIONAL PROJECT MANAGER, MIDDLE EAST

Umgababa, South Africa

Aug. 2019 – May 2021

- Arranged community-wide fundraising projects that amounted to 18,000 USD in total
- Managed logistics for the purchasing of construction materials and volunteer trip to Umgababa, South Africa
- Coordinated with leadership and project teams to better orchestrate the provision of houses for the impoverished

## TECHNICAL PROJECTS

---

### WEB PORTFOLIO | HTML, CSS, JS, Markdown, Jekyll, Git | [GitHub](#) · [Website](#)

Jul. 2022 – Sep. 2022

- Produced personalized HTML, CSS, JS, and Markdown snippets to host technical projects and applications on the web
- Employed simple static web hosting using Jekyll and GitHub Pages to optimize website ease-of-access and reliability

### AMAZON E-COMMERCE CLONE | MongoDB, Express.js, React.js, Node.js | [GitHub](#) · [Website](#)

Jun. 2022 – Aug. 2022

- Constructed a web application emulating the e-commerce functionalities of the Amazon website
- Reflected user registration/sign-in, shopping cart, total price calculation, and payment features
- Real-time database, authentication, and application hosted through Google Firebase

### REACT-AMPLIFIED | React.js, Express.js, Node.js, AWS Amplify | [GitHub](#) · [Website](#)

Jun. 2022 – Aug. 2022

- Employed simple static web hosting using Jekyll and GitHub Pages to optimize website ease-of-access and reliability
- Leveraged AWS Amplify, Cognito, AppSync, and Aurora for authentication, GraphQL API, SQL database, and deployment

## SKILLS & INTERESTS

---

**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

**Communication** · Korean, Native; English, Bilingual; Arabic, Conversational

**Hobbies** · Practicing the clarinet; Assembling RC cars; Reading about finance and technology; Playing poker games