

# JOSEPH HAN

*aspiring developer + graphic designer*

📍 New York City  
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## 🎓 Education

### University of Notre Dame | Engineering

May 2020 / Notre Dame, IN

B.S. Computer Science (GPA: 3.408)

Scientific Computing, Fundamentals of Computing,

Logic Design, Discrete Mathematics,

Case Studies in Computing-Based Entrepreneurship

### Stuyvesant High School

June 2016 / New York, NY

Honors Regents Diploma with Advanced

Designation and Mastery in Math and Science

ACT: 35 | AMC: 109.5 (Honor Roll) | AIME: 7

## 🏆 Certifications / Awards

2017 ND Problem Solving Competition 1st Place

2016 Oracle Certified Java Programmer

2015 NFTE Microsoft App Development Finalist

2015 NYC Interscholastic Math League 1st Place

## 📋 Technical Skills

### Programming

Java Python

C++ MATLAB

HTML CSS

### Visual Arts

Adobe Photoshop

Adobe Illustrator

Final Cut Pro X

## 💡 Activities

### Society of Asian Scientists and Engineers

Secretary, Technology Officer

- + Recorded board meetings and helped come up with event ideas.
- + Communicated with members about activities.

### Korean Student Association

Media Director

- + Created promotional content such as banners and videos for club events.
- + In charge of archiving showcases and club activities.

### Notre Developers

Programmer

- + In the process of learning about game development.

## 💼 Experience

### Mobile Computing Lab (M-Lab) | Research Intern / iOS Developer

August 2017 to Present / Notre Dame, IN

- + Currently working on an iOS application for Parkinson's disease analysis.

### Notre Dame Finance Department | Research Assistant

June 2017 to September 2017 / Notre Dame, IN

- + Collected and managed data sets of company identifiers for a professor.
- + Used MATLAB to sort through data and search for matching information.

### The Observer NDSM | Graphic Designer

August 2016 to Present / Notre Dame, IN

- + Created hundreds of banners, cover pages, infographs, and various media arts for the newspaper using Adobe Photoshop.
- + Converted statistical data and campus information into visual figures.

### CS Dojo | Sensei (tutor)

September 2014 to May 2016 / New York, NY

- + Helped high school students in AP Computer Science with their Java homework and taught the language in preparation for the AP exam.
- + Assisted sophomores in mastering their final project in NetLogo and Python.

## 🔧 Projects

### GE Align Technology | Team member, Programmer

January 2017 to May 2017 / Notre Dame, IN

- + Collaborated with General Electrics Lighting and team members to design an industrial light bulb of both GE AM and PM light bulbs features.
- + Utilized MATLAB and Arduino to program different spectrums for the lightbulb to determine the yellow-blue light level.

### The Indicator | Art Department Editor, Graphic Designer

November 2015 to June 2016 / New York, NY

- + Led a team of graphic designers to produce covers, headers, clip arts, and background images for Stuyvesant High School's yearbook.
- + Reviewed and edited digital arts for appropriate color scheme, proper fonts, and image corrections.

### NetWork! | Team member, Developer

December 2014 to February 2015 / New York, NY

- + Designed a mobile app to allow high school students to have better productivity and easier communication within the school community.
- + Selected as a Top 10 Selection Finalist at World Series of Innovation.