

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

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.
- + Responsible for communication with members.

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

Notre Dame Finance Department | Research Assistant

June 2017 to Present / Notre Dame, IN

- + Managed data sets of company identifiers for over 10,000 firms.
- + Used MATLAB to sort through data and search for matching company names and information.

The Observer NDSM | Graphic Designer

August 2016 to Present / Notre Dame, IN

- + Created hundreds of banners, cover pages, infographics, and various media arts for the newspaper using Adobe Photoshop.
- + Converted statistical data and campus information into visual tables and charts for web and print.

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 finishing and 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.