

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: 3.531)

Fundamentals of Computing, Systems Programming,
Logic Design, Discrete Mathematics, Data Structures,
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.
- + Communicate 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

MoreSteam | Software Developer Intern

May 2018 to July 2018 / Columbus, OH

- + Redesigned webpages to provide a modern look with an easy user interface.
- + Prototyped new site layout to help bring more traffic and views.

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

August 2017 to May 2018 / Notre Dame, IN

- + Contributed to a development of an application that collects and calculates various user data to be used in Parkinson's disease analysis and studies.

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 and Python to sort through data and search for 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.

🔧 Projects

Feather | Team member, Software Developer

September 2017 - AT&T Hackathon / Notre Dame, IN

- + Created an Android application that creates personalized outfits depending on the fashion style of the user and the weather.
- + Incorporated IBM Watson API's visual recognition for clothing detection.

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.