# Jackie Cho

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## —— EDUCATION ——

### NEW YORK UNIVERSITY
*2016-2020*
B.A. CS/Math
Minor in Physics
GPA: 3.9/4.0

### MONTGOMERY HIGH SCHOOL
*2012-2016*
Top 10%
GPA: 3.9/4.0
SAT: 2300

## —— SKILLS ——

### LANGUAGES
● Python ● HTML ● CSS ● SASS ● JavaScript ● Java ● R ● C# ● LaTeX

### LIBRARIES/FRAMEWORKS
● Git ● jQuery ● Bootstrap ● Unity ● p5.js ● Processing

### ADDITIONAL
● Adobe InDesign ● Adobe Photoshop ● Adobe Illustrator ● 3D Design ● Microsoft

## —— LINKS ——

**LinkedIn**: linkedin.com/in/jcho124/
**GitHub**: github.com/jcho124
**Website**: jackiewcho.com

## —— SELECTED COURSES ——

### CURRENT
Discrete Mathematics
Intro to Computer Programming

### PAST
Calculus I & II
Gen Chemistry I & Lab
General Chemistry II & Lab

## —— WORK EXPERIENCE ——

### SEVARANCE HOSPITAL OF YONSEI UNIVERSITY *INTERN*
*July 2017 – August 2017 | Seoul, South Korea*
● Compiled administrative data and daily anesthesia units using Excel and R in the post-anesthesia care unit.
● Interpreted for foreign patients, monitored patients' vital signs, and provided direct care for post-op patients.
● Responded to emergency situations with immediate and effective analytical and improvisational skills.

### INSTITUTE OF ASIAN CULTURE & DEVELOPMENT *PARTNER+WEB DEV*
*July 2015 – Current | Amman, Jordan*
● Built company's website using HTML5, JavaScript, CSS and Bootstrap, with a responsive, mobile friendly UI.
● Organized and lead a team on a project to direct donations for the development of a public library as part of an educational outreach.
● Established partnerships with local libraries and schools, rewrote and translated company mission statement, and drafted grant applications.

## —— PERSONAL PROJECTS ——

### TODAY'S *WEB APPLICATION*
*Nov. 2017*
● Displays the local time, location, weather, and a responsive to-do list that the user can add, delete, and cross-out tasks.
● Built in JavaScript, HTML, CSS, Bootstrap, and jQuery, with Geolocation, Yahoo! PlaceFinder and Weather API.

### ZOMBIE ISLAND ESCAPE *UNITY GAME*
*Oct. 2017 - Ongoing*
● 3D First-person shooter where player must escape a zombie infested island by locating the escape helicopter with given time.
● Implemented AI pathfinding using navmesh, day-to-night transition, self-recorded audio for 3D sound, and custom designed terrain.
● Built with C# and Unity.

### FLAPPY BIRD CLONE *ANDROID APPLICATION*
*Sept. 2017*
● Android app clone of the popular game Flappy Bird, implementing collision detection, scoring, and obstacle randomization.
● Built with Java and Android Studio, using libGDX.

### SOLAR SYSTEM SIMULATOR *3D MODEL*
*Aug. 2017*
● A 3D solar system model that depicts each planet's orbit around the Sun, with the incorporation of physical data and coordinates of each planet.
● Built with Java, Processing, and p5.js

## —— EXTRA-CURRICULARS ——

### MEDICAL DIALOGUE REVIEW *WRITER/DESIGNER*
*October 2016 – Current | mdrnyu.org*
● Published a research article on the ethical issues regarding the practice of cancer screenings, specifically breast, prostate, and lung cancers.
● Assisted in designing article layout using Adobe Photoshop and InDesign.

## —— AWARDS AND HONORS ——

| Year | Level | Award |
|---|---|---|
| 2014 | National | AP Scholar |
| 2016 | University | Dean's Honors List |