

Jackie Cho

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EDUCATION

NEW YORK UNIVERSITY

2016-2020

B.A. CS/Math
Physics Minor
GPA: 3.87/4.0

MONTGOMERY HIGH SCHOOL

2012-2016

Top 10%
GPA: 3.9/4.0
SAT: 2300

SKILLS

LANGUAGES

• Python • Java • HTML • CSS • SASS •
JavaScript • R • C# • LATEX

LIBRARIES/FRAMEWORKS

• Git • jQuery • Bootstrap • Unity • p5.js
• Processing • Android Studio

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

SEVARENCE HOSPITAL OF YONSEI UNIVERSITY IT, 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

Sept. 2017

- Displays the local time, location, weather, and 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

- 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.

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

INSTAGRAM CLONE ANDROID APPLICATION

Nov. 2017 - Ongoing

- Clone of the popular photo sharing app Instagram on an Android platform.
- Implemented parse server on AWS, login & signup, user feed and list, and photo importing from Camera.
- Built with Java and Android Studio.

EXTRA-CURRICULARS

MEDICAL DIALOGUE REVIEW WRITER/DESIGNER

October 2016 – Current | mdrnyu.org

- Assisted in designing article layout using Adobe Photoshop and InDesign.
- Published a research article on the ethical issues regarding the practice of cancer screenings.

AWARDS AND HONORS

2014	National	AP Scholar
2016	University	Dean's Honors List