Jackie Cho

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EDUCATION

NEW YORK UNIVERSITY
2016-2020
B.A. Computer Science/Mathematics
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 ● Java ● C# ● HTML ● CSS ●
JavaScript ● R ● LaTeX ● Processing

LIBRARIES/FRAMEWORKS
● Git ● ASP.NET/MVC ● jQuery ●
Bootstrap ● Node.js ● Unity ● p5.js

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

LINKS

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

SELECTED COURSES

CURRENT
Intro to Computer Science
Linear Algebra
Calculus III

PAST
Discrete Mathematics
Intro to Computer Programming
Calculus I & II

WORK EXPERIENCE

SOFTWARE ENGINEER, INTERN
Jan. 2018 – Current | New York, NY
NYU OFFICE OF RESIDENTIAL LIFE & HOUSING SERVICES
● Develop and design full-stack web applications for global campus-wide use that manages students' housing applications and event commissions.
● Optimize and improve front-end UI/UX of apps with HTML5, CSS, jQuery, and Bootstrap, implementing a mobile-friendly UI.
● Compile and deploy with .NET MVC and Node.js, while working with a team of developers and managing workflow with Git.

IT SPECIALIST, INTERN
June 2017 – Aug. 2017 | Seoul, South Korea
SEVARANCE HOSPITAL OF YONSEI UNIVERSITY
● Compiled and analyzed administrative data and daily anesthesia units using Excel and R in the post-anesthesia care unit.
● Assisted with computer configuration, troubleshooting software and network connectivity issues
● Responded immediately to emergency situations, providing aid with effective analytical and improvisational skills.

WEB DEVELOPER/PARTNER
July 2015 – Sept. 2016 | Princeton, NJ
INSTITUTE OF ASIAN CULTURE & DEVELOPMENT
● Built organization's website using HTML5, JavaScript, CSS and Bootstrap, with a creative, responsive 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
Nov. 2017
WEB APPLICATION
● 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
Oct. 2017 - Ongoing
UNITY GAME
● 3D First-person shooter where player must escape a zombie infested island under given time built with C# and Unity.
● Implemented AI pathfinding using navmesh, day-to-night transition, self-recorded audio for 3D sound, and custom designed terrain.

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

EXTRA-CURRICULARS

WRITER/DESIGNER
October 2016 – Current | mdrnyu.org
MEDICAL DIALOGUE REVIEW
● Published a research article on the ethical issues of cancer screenings.
● Assisted in designing article layout using Adobe Photoshop and InDesign.

AWARDS AND HONORS

| 2014 | National | AP Scholar |
| 2016 - 18 | University | Dean's Honors List |