

Jackie Cho

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WORK EXPERIENCE

Data Science/SWE Intern Aug. 2018 – Current | Houston, TX
NASA – Johnson Space Center

- Lead and expand on machine learning projects involving large data visualization of a Wikipedia and VR graph visualization, using PHP, JavaScript, Docker, MySQL, C#, and Unity.
- Collaborate with the NASA Data Analytics team to share progress reports and identify potential problems, enforcing effective communication skills and teamwork.

Software Engineer Intern Jun. 2018 – Current | New York, NY
NOVO Consulting LLC.

- Developed a full-stack, multi-page web application that automates games/survey previously done manually by the company.
- Implemented ReactJS to improve workflow in front-end, built back-end queries with PostgreSQL, and deployed on AWS.
- Self-managed the project without a mentor and self-taught the necessary tools used in the project on the job.

Software Engineer Intern Jan. 2018 – Jun. 2018 | New York, NY
NYU Office of Residential Life & Housing Services

- Designed full-stack web applications for campus-wide use that manage housing applications, support center, and forum.
- Optimized and improved UI/UX with HTML5, CSS, jQuery, and Bootstrap, while implementing a mobile-friendly design.
- Compiled and deployed with ASP.NET and AWS, while working with a team of developers, managing workflow with Git.

IT Specialist Intern Summer 2017 | Seoul, South Korea
Severance Hospital of Yonsei University

- Organized and analyzed administrative data and daily anesthesia units using Excel in the post-anesthesia care unit.
- Assisted with computer configuration, troubleshooting software and network connectivity issues. Updated office computers to latest Windows operating systems using SCSM.

Web Developer/Partner July 2015 – Sept. 2016 | Amman, Jordan
Institute of Asian Culture & Development

- Built organization's website using HTML5, CSS3, JavaScript, and Bootstrap, and deployed with Git.
- Implemented a custom PayPal directory that directed 26% of the fund for the development of a public library as part of an educational outreach project.

PERSONAL PROJECTS

Today's Web Application Nov. 2017
Web app that displays user's local time, location, weather, and a responsive to-do list, using Geolocation, Yahoo! PlaceFinder and Weather API. Built in JavaScript, HTML/CSS, and jQuery.

Zombie Island Escape 3D Unity Game Ongoing
3D first-person shooter game where player must escape a zombie infested island under given time, built in C# and Unity
Implemented AI pathfinding using navmesh, self-recorded audio for 3D sound, and custom designed terrain.

EDUCATION

New York University
2016-2020

B.A., Computer Science/Mathematics
Minor in Physics
3.79 GPA, Dean's Honors List

Relevant Courses: Data Structure, Intro to Computer Science, Intro to Programming, Linear Algebra, Discrete Math, Calculus III, General Chemistry & Lab I, II

SKILLS

Languages:

Experienced: Python, HTML5, CSS3

Intermediate: Java, JavaScript, C#, SQL, Processing

Library/Frameworks: ASP.NET MVC, ReactJS, jQuery, Bootstrap, Django, Scikit-Learn, Unity, Android Studio, p5.js, Node.js, Neo4j, MediaWiki

Databases: AWS, PostgreSQL, SQLite, MySQL

Tools/OS: Docker, Git, Jupyter, MATLAB, IGOR Pro, Logger Pro, Arduino, Eclipse, Visual Studio, Linux/UNIX, MacOS, Windows, Microsoft

EXTRACURRICULARS

Medical Dialogue Review
Writer/Designer

Published a research article on the ethical issues of certain cancer screening practices.
(www.mdrnyu.org/publications/ Volume 11, Issue 1).

WinC (Women in Computing)
Mentee

Meet with mentor biweekly, discussing new opportunities in STEM. Attend weekly workshops to practice coding, and conferences to network.

Tech@NYU
Member

Attend Hack Days and Design Days, practicing and improving coding skills and personal projects.