

YOON (JAY) KANG

55 Clark St, Brooklyn, NY 11201 • (478) 442-8522 • jkjaykang@gmail.com [\[use your NYU email\]](#)

EDUCATION

New York University Tandon School of Engineering

B.S. in Computer Science, Minor in Game Engineering

- Cumulative GPA: **3.92/4.00**

New York, NY

Sep 2018 - Present

EXPERIENCE

Xiris

Remote

Intern

Jan 2021 – April 2021

- Utilized machine learning and computer vision to approach and develop the core software to detect road defects and identify other objects through image and video recognition technology via mounted cameras
- Collaborated with a team of software engineers to monitor and aid project development and data [\[supplements\]](#)
- [\[One more fancy bullet point with some coding language... just because this is your most recent experience\]](#)

NYU - Undergraduate Summer Research Program

Remote

Researcher

June 2020 – August 2020

- Contributed to an open-source project called Indra, which is an agent-based modelling system
- Developed a new epidemic model to effectively and accurately track the disease spread in a population
- Implemented changes to the project back end, utilizing Python to improve and develop the base model system
- Actively participated in agile software development environment [\[add more\]](#)

Cook Medical (Medical Device Manufacturer)

Bloomington, IN

Summer Hire

June 2019 – August 2019

- Worked in the vascular division, tasked with market and product research and data mining and organization
- Aided the vascular team by performing industry research and data organization analyses comparing competitor products and efficacies, which were utilized to plan the company's launch approach in the Asian markets
- Prepared a comprehensive presentation on the Chinese medical devices market and presented to the vascular team, helping to guide the team's strategic decisions and views on new market penetrations and market shares

TechPro (IT Consultant Company)

Irvine, CA

Server Developer

June 2017 – August 2017

- Developed internal and external servers specialized to transfer files at high speed, efficiency and security by both assembling the hardware and the software components via [\[coding language, etc.\]](#)
- Deployed virtual machines for Linux and Windows to establish server firewalls, security and transfer methods

EXTRACURRICULAR ACTIVITIES

Cyber Patriot

Fullerton, CA

Cisco Specialist

Sep 2015 – May 2018

- Participated in the 2017 Cyber Patriot Competition and placed as the National Finalist (top 10 in the nation)
- Led the team to platinum division (top 30% of the nation) in 2015 and 2016 in a nationwide cybersecurity competition where participants compete to fix various security vulnerabilities a given computer system has
- As the Cisco specialist, focused on fixing connectivity issues between routers and servers in simulated scenarios [\[and a little bit more\]](#)

SKILLS & INTERESTS

Language: English (fluent), Korean (fluent)

Technical: Microsoft Office, Unity, Github, MySQL, HTML, CSS

Programming Language: Python, C++, JavaScript

API: OpenGL

Interests: Drawing, Fictional Writing, Storyboarding, Coding [\[write more interests please\]](#)

Projects: <https://jkjaykang.itch.io/> (browser games made from Unity)