

KEVIN JIANG

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Education

Columbia University

New York, NY

- B.A. in Computer Science | GPA: 3.77 / 4.0

Expected: May 2019

- *Relevant coursework:* Artificial Intelligence, Natural Language Processing, Introduction to Systems in C and C++, Computer Science Theory, Data Structures in Java, Computer Graphics, Strategic Design, Probability and Statistics with Calculus

Newark Academy

Livingston, New Jersey

- Cum Laude Society | International Baccalaureate | GPA: 3.95 (/4.0) | SAT: 2300

May 2015

Professional Experience

BNY Mellon

New York, NY

Summer Associate

Summer 2017

- Prototyped dashboards for Asset Strategy View, a big data product that generates market intelligence across \$1.8 trillion in assets
- Built a data visualization tool in Microsoft HoloLens that demonstrated tangible business applications of augmented reality tools
- Produced marketing video centered around my internship experience and saved ~\$30k in budget normally allocated for third party digital media contractors: <https://youtu.be/YeiR3Zh2H9Y>

Freelance Digital Artist

New York, NY

Digital Media Production | www.thekevinjiang.com

December 2015 - Present

- Professional photography, film production, motion design, and graphic design
- Clients include the United Nations, Lincoln Center, The Juilliard School, Yin Yue Dance Company, and Estelle Finkel

Leadership Experience

Columbia Photography Association

New York, NY

President

October 2015 - Present

- Adobe Creative Cloud Campus Ambassador for Columbia University
- Developed Python scripts to automate job-handling workflow, book keeping, and content management
- Coordinates 150+ paid jobs per semester with clients both on and off campus
- Oversee operations and delegate responsibilities for 7 board members and 30 student photographers

Columbia University Dance Marathon

New York, NY

Creative Director

September 2017 - Present

- Manage social media presence, ensuring that all content adheres to Children's Miracle Network Hospitals visual brand
- Responsible for photographing/filming club events and designing promotional materials

Academic Projects

"Raytra" 3D Renderer

September 2017

- Developed program that parses SCN files and renders photo-realistic 3D scenes (C++ and OpenEXR)
- Implemented functionalities such as Monte Carlo ray tracing, diffuse shading, reflections, and refraction

Asset Strategy View (ASV) Augmented Reality

July 2017

BNY Mellon Innovation Center Hackathon

- Built interactive Microsoft HoloLens data visualization tool for ASV API using Unity Gaze Controls and Gestures
- Designed and animated 3D models and interface in Unity

Technical Skills

- **Languages:** C, C++, Java, Python, HTML/CSS, Javascript
- **Other tools:** TensorFlow, OpenCV, OpenGL, Git, UNIX, Sass, Bootstrap, AngularJS, Flask, NodeJS, Highcharts
- **Digital Media:** Adobe Photoshop, Premiere, After Effects, Final Cut, Cinema 4D, Sony Alpha, Canon EOS

Activities

Award-winning Jazz musician

- Perform professionally on trombone and saxophone at major venues across New York, San Francisco, and Japan
- Recipient of national-level awards from Lincoln Center, Manhattan School of Music, and the Monterey Jazz Festival.

Competitive Rubik's Cube Speedsolver

- Record solve time: 7.54 seconds. Ranked top 10% worldwide by the World Cube Association
- Taught a class of elementary school students to solve Rubik's Cubes using a basic method consisting of 7 algorithms