Shannon Jin

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Aspiring technologist seeking technical challenges for social good

EDUCATION

Columbia University | New York, NY
- B.S in Computer Science   May 2022
- Egleston Scholar at the Fu Foundation School of Engineering and Applied Science
- 3.5/4.0 (Dean's List)

RELEVANT COURSEWORK

Introduction to Databases, Advanced Programming, Data Structures in Java, Fundamentals of Computer Systems
Discrete Mathematics, Linear Algebra, Introduction to Probability and Statistics, Principles of Economics

SKILLS

- **Programming:** C/C++ Java, Python, SQL, HTML, CSS, JavaScript, MATLAB
- **Web Development Frameworks:** Angular, Django
- **Languages:** Chinese (fluent)

PROJECTS

- *NASA Search Engine*: Web application that serves as search engine over NASA images
  https://github.com/shannonjin/NASA-Image-Search-Engine
- *Transit Safety App:* iOS app that suggests social distancing NYC subway routes https://github.com/shannonjin/transit-safety-app
- *Avocado Classifier:* Identifies an avocado's market based on price, trained on Hass Avocado board's avocado sales data. https://github.com/shannonjin/Avocado-Classifier

WORK EXPERIENCE

BlackRock, Inc. | New York, NY |**Summer Analyst**   06/2020 – Present
- Performed ablation studies and fine tuning on language models like Google's BERT

Columbia University | New York, NY | **Computer Science Teaching Assistant**   01/2020 – 06/2020
- Assist Professor in teaching Programming for Social Impact to class of 54 students
- Hold weekly office hours, aid students in building full stack web applications

Axle Informatics | Rockville, MD | **Data Science Intern**   06/2019 – 12/2019
- Coded computer vision algorithms
- Converted Intel computer vision annotation tool to Angular framework
- Segmented nuclei image set for machine learning algorithms

National Institute of Standards and Technology | Gaithersburg, MD |**Research Intern**   06/2018 – 08/2018
- Designed novel procedure using shear fluids for investigating the mechanical properties of DNA origami.

LEADERSHIP

Columbia Womxn in Computer Science | New York, NY |Corporate Chair   04/2020 – Present
- Fundraise, foster partner/sponsorships with Fortune 500 companies

IvyHacks | New York, NY | Sponsorship Lead   06/2020 – Present
- Establish corporate sponsorships for the 1st inter-ivy league hackathon

Office of Senator Chris Van Hollen | Rockville, MD |District Intern   08/2016 – 10/2016
- Managed constituent casework, drafted speeches/briefs