**Muskan Kapoor**

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<https://github.com/muskankapoor> (portfolio) | <https://www.linkedin.com/in/muskan-kapoor-266011164/>

**Education**

**City University of New York Hunter College,** New York City Expected Graduation: May 2021

BA, Computer Science GPA: 3.5

* **Daedalus Scholarship for academically talented Computer Science students**
* **Janovic Scholarship**

**Relevant Coursework:** Computer Architecture 2, Analysis & Design 3, Data Structures & Algorithms, Computer Architecture 1, Software Analysis and Design 1, Applied Statistics, Calculus with Analytic Geometry 2, Discrete Structures, Calculus with Analytic Geometry 1, Introduction to Python & C++

**Manhattan Hunter Science High School (Early High School College),** New York City Graduated 2017

**Relevant Experience and Projects**

**Hunter College Software Development Project Program**

Software Development June 2018 - Present

* Developing and working with a team to develop a real estate price prediction website
* Creating a prediction model and a user-friendly interface, through machine learning and data science, to enable users to input desired features and receive a housing price estimate

**Blackstone, New York City**

Software development intern Jan 2019

* Developed and designed Let’s Get Lunch, a console app, utilizing C# and SQL with database management with a team to improve the efficiency of communication across the national and international offices
* Project nullified all software development life cycle aspects: analysis, technical design, development, database management, and testing

**Google and Hunter College Mentor Program, New York City**  Nov 2018 - Present

Software Development

* Implemented Minimax algorithm for the2048 game with an understanding of machine learning and Python
* Selected as one of the participants for high achieving talent in tech that received mentoring from a Google engineer and engaged in career development workshops and technologies

**CodePath Mobile App Design Program**  Oct - Dec 2018

* Created an Android App from idea development to launch during a 12-week program
* Created a Flashcard App to help in studies and designed Planner App
* Mentored by IT professionals and leaders from top tech companies, including Facebook

**Hunter College Cybersecurity Internship**  Aug 2018

* Implemented a practical application of DDoS attacks and networks
* Introduced to concepts including networks, servers, Internet protocols, Big Data, and Cloud Computing

**Technical Skills**

* Software: Proficient in C++, familiar with: Python, HTML, CSS, JavaScript, C#, SQL, Django
* Android Development - Android Studios and Kotlin,
* Jupyter Notebook, Emacs, Linux, Unix, Windows, Visual Studios
* Project Management: GitHub, Jira, Confluence, CoCalc

**Extracurriculars and Other Interests**

* Clubs: Association for Computing Machinery, All About Apps Club, Hunter Women in Computer Science
* Mentor, Scholar Bridges Program - mentor and host workshops for students at Hunter College
* Debate
* Languages: Fluent in Hindu, Proficient in Spanish
* Ballet and Tap Dance

**Research Experience**

Research Technical Facility Internship at Weill Cornell Medical Institute July - Aug 2015

Research in “p53 and Tau Interaction in Human Non-Neuronal Cells” and present research in Research Technical Conference at Hunter College (presented)