

Rohma Khan

Recently graduated physics major at looking to apply coding, data analysis and math skills in a fulfilling career in tech.

EDUCATION

Brooklyn College, City University of New York, — Bachelor of Science

Graduated May 2020

Major: Physics; Minor: Computer Science and Mathematics

GPA: 3.77

Relevant Coursework: Atomic and Quantum Mechanics 1&2, Data Structures, Computer Architecture, Cryptography and Cryptanalysis, Discrete Structures, Electrical Circuits, Exploring Robotics, Introduction to Hardware & Algorithms of Quantum Computing, Linear Algebra, Ordinary Differential Equations, Partial Differential Equations, Statistics and Probability, Theoretical Physics

EXPERIENCE

CUNY Brooklyn College, New York, NY — Physics Lab, Research Assistant

Summer 2020

- ◆ Mentored two high school students taking part in a College Now program in the laboratory.
- ◆ Researched, created, and wrote procedure for creation of gas hydrates to be applied once the lab opens.

RAMMP REU, New York, NY — Scholar

Summer 2019

- ◆ Researched topic in Combinatorics and Graph Theory and wrote a paper in a group of 4 with mentor Professor Kingan on our result.
- ◆ Used python to analyze graphs, data and coded a function to convert the incidence matrix of a graph to its matroid.
- ◆ Created a poster, presentation and gave a solo talk on the result at the NYC Regional Math Alliance Conference.
- ◆ Learned graph theory and theoretical, algorithmic, and statistical methods for analyzing complex networks

Data For Good, CUNY Brooklyn College — Intern

Spring 2019

- ◆ Analyzed a large data set from NYC Open Data using statistics and probability and graphically represented findings in charts and tables to convey results.

Metroplus Health Plan, New York, NY — Provider Relations Intern

Summer 2018, Summer 2017, Summer 2016

- ◆ Communicated with thousands of providers over the phone to update information in the computer system and solve problems that arose.
- ◆ Recredentialed hundreds of providers in time for monthly credentialing meetings.
- ◆ Data entry on different computer programs such as Cactus, CDB, Provider Contracting Database.

PROJECTS

ParTeaTime — Hack at Home | May 2020

- ◆ Worked with a team of 4 to create social networking platform centered around tea. Applied React.js to front end.

www.linkedin.com/in/RohmaKhan

<https://github.com/Rohma-Khan>

(646) 701-4568

rohmakhan1@gmail.com

SKILLS

- ◆ Computer Programming Languages: Python, Java, Qiskit, HTML
- ◆ General Computer Skills: Git, Microsoft Suit, Google Suit, Windows and Mac computer software, hardware and software required for recording and editing videos
- ◆ Languages: Urdu and Hindi

AWARDS

Presidential Scholarship
2015–2019

Sam Schwartz Award for achievement in physics 2018.

Melba Phillips Prize 2019

Upsilon Pi Epsilon nominated
2019.

ACTIVITIES AND LEADERSHIP

- ◆ Secretary of Computer Science Club
- ◆ Planned Hack Brooklyn, Brooklyn College's first hackathon with a team of students.
- ◆ Gave talk on centrality measures in Line Graphs at conference
- ◆ Moderated the Technology, Engineering and Math Career Panel at Brooklyn College
- ◆ Member of Putnam Club, took Putnam exam 2019
- ◆ Member of WITNY (Women in Technology and Entrepreneurship in New York)

INTERESTS

Meditation, baking, reading, films