

Samira Akram

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EDUCATION

John Jay College of Criminal Justice (CUNY) | GPA: 3.7

New York, NY

Bachelor of Science in Computer Science and Information System Security & Math Minor

May 2023

Relevant Courseworks:

Objective-Oriented & Advanced Data Structures, Cryptography & Cryptanalysis, Database & Data Mining, Operating Systems, Computer Networking, Computer Security & Forensic, Network Security & Forensic, Discrete Structures, Calculus, Linear Algebra, Intro to Ordinary Differential Eqn

SKILLS & CERTIFICATIONS

Programming: C++, Python, HTML, CSS, Javascript, Bootstrap, Django, React, DAX, SQL, Java, PHP, jQuery, Kotlin

IDE & Tools: Visual Studio Code, PyCharm, Google Firebase, Wireshark, MS Access & Power BI, Figma, CyberChef

Platform: Windows, Linux, Mac OS X, Virtual Box, AWS, MS Azure, Kali-Linux, Ubuntu, Docker

Languages: Bengali (Fluent - Spoken), Hindi and Urdu (Intermediate - Spoken), Arabic (Intermediate - Reading & Writing).

Certifications: CodePath - Cybersecurity (Feb 2023 - April 2023), Coursera Google - Foundation of CyberSecurity (Aug. 2023)

EXPERIENCES

Robert Half Technology, and The Creative Group - PC Technician

March 2024 - Present

- Technical level: Level 1.0 - 1.5 engagement.
- Responsibilities include troubleshooting and basic device configuration such as restarts, app relaunches, printer connectivity, and Wi-Fi troubleshooting for Election Day/Night
- Professional experience with iOS/iPadOS, customer soft skills like clear communication and patience required.

CTFd LLC - Cyber Security Content Developer Intern

August 2023 - Nov. 2023

- Creating engaging cybersecurity content, including challenges and educational materials.
- Learning and applying cybersecurity techniques and tools to develop informative resources.
- Collaborating with cybersecurity professionals to ensure accuracy and quality of produced materials.

MTA - Data Analysis | RFCUNY Student Intern

July 2022 - May 2023

Department of Subways, MOW Engineering - Research Foundation of CUNY

- Tracked and analyzed structural condition data for Subway transportation structures using EAM/Hexagon database system.
- Assisted senior engineers in preparing reports and identifying investment opportunities based on data analysis.
- Utilized MS Power BI, MS Access, SQL, and DAX to create dashboards and quantitative models for portfolio management.

CUNY Tutor Corps - Computer Science & Math Tutor

Feb. 2022 - June 2022

Brooklyn Studio Secondary School | CCNY - College Assistant

- Offered 20 hours weekly aid to high schoolers in Web Design and Python programming.
- Mentoring bonds with students, monitored progress, and collaborated with the host teacher on lesson plans and student support.

VOLUNTEER EXPERIENCES

Code Nation - Web Development Leading Teacher

Dec. 2023 - Present

Science Skills Center High School for Science, Technology and the Creative Arts

Introduce students to HTML, CSS, jQuery, and JavaScript for web development in a semester-long curriculum comprising 7 units, while fostering enthusiasm for tech careers via projects and field trips.

Cultured Kids Cuisine - Web Developer | Remote

Nov. 2022 - Present

Created a dynamic web platform with HTML/CSS, JavaScript, React, and Bootstrap using Figma designs, as well as integrating Firebase for content management and driving growth by adopting cutting-edge technologies.

CLUBS & AWARDS

JJAY International Student Association (ISA) | The Secretary & Treasurer Position.

Spring 2022 - 2023

JJAY Campus Activity Board (CAB) | General Representative Position

Spring 2022

JJAY Dean List Awards

Fall 2019, Spring 2021 - 2023

JJAY Scholarship of Acceleration Program

Summer 2022

HI TECH PREP Mathematics Scholarship

Spring 2023