

# RIPUNJAY SINGH

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## Education

### New York University, Tandon School of Engineering

Master of Science, Cyber Security

- Cyber Fellows Scholarship

Brooklyn, NY

Expected Graduation: May 2024

### New Jersey City University

Bachelor of Science, Computer Science

- GPA: 3.98 / 4.0

Jersey City, NJ

May 2021

## Technical Skills and Courses

**Programming Languages:** Python, C/C++, SQL (PL/SQL), Bash, Java, PowerShell, HTML, CSS

**Skills:** Network Concepts, 5G, Fixed Wireless Access, IoT, OT, SD-WAN, Zero Trust Network Access, SASE, Cloud Technologies, Security frameworks (ISO 27000, NIST), SDN, Threat Hunting, Vulnerability Management, IAM, SOAR

## Work Experience

### Verizon

Security Solutions Architect

Cary, NC

May 2021 - Present

- Develop customer centric enterprise IT solutions in Networking, UCC, Security and CX for Fortune 500 companies and Government clients, impacting overall business and revenue by 35%
- Draft RFI and RFP responses for solutions specializing in Managed Services, Threat Hunting, Zero Trust, SASE, and Vulnerability Management, integrating network, security and 5G capabilities for modern digital transformations
- Work with cross-functional stakeholders like account teams, engineering teams, delivery teams, among others
- Lead strategic automation and process improvement initiatives, bolstering process efficiency by almost 45 %

### Correlation One, DS4A/Empowerment

Data Science Fellow

New York, NY

October 2020 – February 2021

- Participated in case-based cohort of 500 students chosen from a pool of 10,000 + applicants to learn full stack Data Science and Analytics principles, D&A lifecycle and applied contexts
- Analyzed Federal Election Campaign data and utilize logistic regression and ensemble model to study association between political marketing spend and Presidential election outcomes spanning from 1980 to 2020

### JP Morgan Chase & Co.

Corporate Analyst Development Program Summer Analyst

Jersey City, NJ

July 2020 – August 2020

- Managed a team of 4 and implemented strategic improvement solutions to existing KYC/Onboarding process at Corporate and Investment Bank and delivered business-focused solutions for an NGO, increasing process efficiency, and improving business growth by 35%

### United Parcel Services

Software Engineering Co-Op | Enterprise Business Intelligence

Mahwah, NJ

June 2019 – July 2020

- Implemented Share Point extraction and automation for periodic Oracle ID email correspondence using Bash, SQL, and VBScript on Linux in an Agile environment, increasing overall process efficiency by 55%
- Built PL/SQL Procedures and Functions to improve Business Intelligence and Analysis (BIA) website system and software vulnerability and exploit management, decreasing website attacks by 40%

### iQ4 Corporation | Cybersecurity Workforce Alliance (CWA)

Cyber Security Intern

Jersey City, NJ

September 2018 – December 2018

- Spearheaded a team of 7 and followed Risk Management Framework (RMF) to implement secure data governance systems, providing client with a cost-controlled detailed report on risk management
- Applied NIST and NICE Frameworks into Incident Response Planning team and conducted internal audit to ensure compliance of cyber-threat program implementations with state/federal regulations, decreasing compliance related violations by almost 35 %

### Kratikal Technologies Private Limited

Security Team Intern and Trainee

Noida, India

June 2018 – August 2018

- Directed a team of 10 in the utilization of OWASP Top 10 in performing web application security testing on websites, improving application security and resiliency by 45 %
- Developed cyber monitoring and security analytics solutions and managed Incident Response for cyber-attacks

## Recognition and Involvement

**Organizations:** Ambassador and Mentor, iQ4; Member, International Consortium of Minority Cybersecurity Professionals; Chair, Security Council, Model United Nations; Brother, Delta Sigma Pi

**Honors and Awards:** Winner, IoT category, UPS Hackathon; Distinguished Scholar Award, DS4A; Gold Medal, School of Business; Winner, (ISC)<sup>2</sup> Coding Competition; Envestnet Institute on Campus Asset Management Certificate