2025 NYC Summer Internship Program Application Form

Agency Details and Contact Information

Agency Office of Technology & Innovation

Division Cyber Command

Address 15 Metro Tech Center Brooklyn, NY 11201

Name Melissa Zelaya

Email internships@oti.nyc.gov

Agency Description

The Office of Technology and Innovation (OTI) leverages technology to drive opportunity, improve public safety, and help the government run better across New York City. From delivering affordable broadband to protecting against cybersecurity threats and building digital government services, OTI is at the forefront of how the City delivers for New Yorkers in the 21st century. Watch our welcome video to see our work in action, follow us on social media @NYCOfficeofTech, and visit oti.nyc.gov to learn more.

Unit Description

Cyber Command protects all City systems against cyber threats, including systems that deliver vital services to New Yorkers. Cyber Command provides in-depth support to over 100 agencies and offices to protect, detect, identify, respond to, and recover from cyber threats.

Cyber Command Software Engineering team develops, constructs, tests, and maintains the software architecture necessary for big data analytics. Our Security Architecture team designs and implements highly defensible security infrastructure for NYC government agencies. Our Service Delivery team is responsible for providing OTI / NYC Cyber Command with IT infrastructure support and IT help desk services. The cyber Programs team leads Security Sciences data protection and identity & access management (IAM) initiatives.

Position Title

Cyber Urban Technology Summer Intern

Cyber Command seeks a motivated, detail-oriented Intern to join the Urban Technology team. The Urban Technology team helps lead OTI Cyber Command's efforts to identify and protect City business applications and Internet of Things (IoT) devices that help bring digital government services to New Yorkers. This is an exciting opportunity to gain hands-on experience, develop professional skills, and contribute to meaningful projects that align with your field of study and career aspirations.

Internship Responsibilities

Responsibilities will include but not be limited to:
• Assist Cloud Reliability Engineers with developing and implementing performance improvements across services and platforms.
• Support management teams.
• Support the Data Science team in maintaining and improving the data pipeline using Apache Beam, Java, Python, and other data processing technologies.
• Maintain information exchanges through publish, subscribe, and alert functions, which enable users to send and receive critical information as needed.
• Assist with administrating databases and/or data management systems that allow for the secure storage, query, protection, and utilization of data.

Qualifications / Special Skills / Area of Study

• Experience with object-oriented or object function scripting languages, preferably Java or Python
• Familiarity with or exposure to cloud application development is a plus.
• Familiarity with distributed data processing frameworks is a plus.
• Self-motivated and willingness to learn and develop new skills.
• Familiarity with GCP, Azure, and AWS Cloud environments.
• Strong team player who can build cross-functional team relationships and collaborate effectively.
• Ability to document processes, procedures, and designs.

As of June of the Program year, the prospective intern must be a student enrolled in a college or a recent college graduate. Pursuing or received a degree in Computer Science, management Information Systems, Computer Engineering, Data Analytics, Information Technology, Information Systems, Cybersecurity, or a related field.

Application Process

Email your resume to internships@oti.nyc.gov and include the role you are interested in the subject line. For example, " Cyber Urban Technology Summer Intern"

Salary

$16.50 - $26.23/Hour

The City of New York is an inclusive equal opportunity employer committed to recruiting and retaining a diverse workforce and providing a work environment that is free from discrimination and harassment based upon any legally protected status or protected characteristic, including but not limited to an individual's sex, race, color, ethnicity, national origin, age, religion, disability, sexual orientation, veteran status, gender identity, or pregnancy.

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