# NYU CYBER FELLOWS

## Online Cybersecurity Master's Degree

# SECURE A BETTER FUTURE

With a worldwide shortage of qualified cybersecurity professionals, the NYU Cyber Fellows program provides you with the opportunity to earn a prestigious online master's degree and build valuable skills in identifying and protecting against the fast-evolving threats to our cybersecurity. Your education will be bolstered by immersion in hands-on virtual labs, corporate partner collaborations, industry-reviewed curricula, and specialized career-elevating badges.

- 75% tuition scholarship for all admitted students
- 100% online courses
- Flexible part-time or full-time options

| **$45K** | **$120K** | **3.5 Million** |
|---|---|---|
| In savings on this valuable master's degree | Average starting salaries in the field | Job openings in cybersecurity worldwide |

# WHY ONLINE EDUCATION?

## Flexibility

Receive an NYU Tandon Engineering degree with the flexibility to balance your academic journey with your work schedule

## Networking & Support

Benefit from connections with industry experts, mentorship programs, badges, professional coaching, and more

## Timely Knowledge

Our courses are constantly evolving to include information from cutting-edge fields

# CURRICULUM OUTLINE

## Required Cybersecurity Courses (12 Credits)

- Information, Security, and Privacy
- Network Security
- Applied Cryptography
- Application Security

## Breadth Electives (Select 3 for 9 Credits)

- Introduction to Operating Systems
- Computer Networking
- Design and Analysis of Algorithms I
- Principles of Database Systems
- Machine Learning
- Foundations of Computer Science

## Depth Electives (Select 3 for 9 Credits)

- Digital Forensics
- Information Systems Security Engineering and Management
- Penetration Testing and Vulnerability Analysis
- Advanced Project in Computer Science

**Capstone Project** (Required)  **Research Project** (Optional)  **Master's Thesis** (Optional)
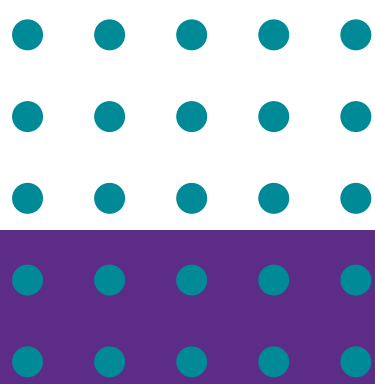
> "
> *[My professors] had very useful, industry-specific knowledge, and between that and the hands-on labs, I got a solid grounding that allowed me to ascend to my current position."*

**Ariel Weintraub**
M.S. Cybersecurity/Cyber Fellows 2018,
Chief Information Security Officer at MassMutual

# BECOME AN IN-DEMAND CYBERSECURITY EXPERT

As a graduate of our NYU Cyber Fellows program, you'll be sought after for leadership positions in this rapidly growing industry. With specialized expertise, you will be well prepared to achieve your career goals in areas that include developing security products, security application programming, security analysis, penetration testing, security research, vulnerability analysis, and security architecture.

# ENGAGE IN UNPARALLELED NETWORKING OPPORTUNITIES

NYU Tandon collaborates with top industry partners to benefit you as a student in cybersecurity. As you become immersed in our award-winning online program and pursue your graduate degree, you will be connected with like-minded professionals from around the world. Our partners include:

Google

EY

mastercard.

Goldman Sachs

Microsoft

FEDERAL BUREAU OF INVESTIGATION

Twitter

Pfizer

BANK OF AMERICA

AIG

JPMorgan Chase & Co.

# HOW TO APPLY

To be eligible for consideration to any graduate program at NYU Tandon, you must hold a bachelor's degree from a regionally accredited U.S. institution or its international equivalent. Review the application requirements for the NYU Cyber Fellows/Cybersecurity, M.S. and follow all application deadlines.

The application process is simple and you can apply in as little as 15 minutes. You'll receive your admission decision in 15 days or less.
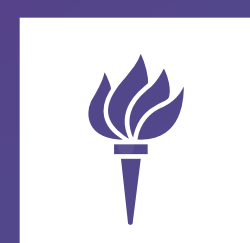
## ADMISSION REQUIREMENTS

Create an account to start a new application. In addition to your completed application, you will need to submit:

- Transcripts from all colleges or universities attended
- A resume
- 250-word personal statement
- List of two recommenders
- ~~GRE or GMAT score~~ **WAIVED**
- The application fee

**START NOW**
**grad.engineering.nyu.edu/apply**

**NYU | TANDON SCHOOL OF ENGINEERING**