The C²SMART Center and the NYU Center for Cybersecurity (cyber.nyu.edu) are jointly seeking to hire a Post-doctoral fellow to conduct state-of-the-art research on emerging transportation cybersecurity problems. With the emergence of connected and autonomous vehicles as well as the increasing levels of automation of all transportation systems, there is a growing recognition of cybersecurity threats to all of the transportation system components including vehicles, users, and cyber and physical infrastructures. This candidate will work closely with faculty and students in:

- Researching and identifying cybersecurity issues faced in automated implementations of transportation systems
- Developing multi-disciplinary solutions targeted at intrusion detection and vulnerable transportation infrastructure
- Preparing and designing protocols designed to ensure automated systems and platforms are adequately identifying and preparing for cybersecurity threats
- Leading outreach efforts for increasing agency awareness of transportation cybersecurity

The desired requirements for this position are as follows:

- A graduate degree in computer science, engineering, or related disciplines
- Research or professional experience in identifying, analyzing, and developing solutions for cybersecurity issues
- Experience in developing scripts and processes with advanced data analysis techniques
- Experience in complex cyber-physical transportation problems with a focus on hardware and/or software for sensing and real-time control
- Knowledge of and familiarity with existing systems used for connected/autonomous vehicle implementations, train tracking and control systems, or other transportation automation platforms or services

To apply, please visit [http://interfolio.com/48019](http://interfolio.com/48019)

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