

Technology and Cybersecurity

As one of only three Members of Congress with a computer science degree, Congressman Lieu is a national leader on cybersecurity, technology, and public policy.

Congressman Lieu recognizes that the future will be shaped for the better by those who understand technology's impact on society, how to leverage its benefits for the common good, and how to mitigate its risks. Throughout his time in office, Congressman Lieu has sought to bridge the gap between legislators and technologists to help Congress get smart on our most pressing issues.

Calling for responsible regulation of Artificial Intelligence (AI)

Congressman Lieu has emerged as an outspoken leader on issues related to AI. As a member of the Science, Space and Technology Committee, Congressman Lieu has called for increased attention and focus on AI, a technology that is developing rapidly and impacting many sectors of society. Congressman Lieu introduced a resolution – [the first-ever federal legislation written by AI](#) – urging Congress to ensure AI be developed and implemented in a way that is safe, ethical, and respectful of Americans' rights. Congressman Lieu [wrote an op-ed](#) in the New York Times on his plans to introduce legislation this Congress that will set up a commission to examine and make recommendations for the U.S.'s regulatory approach to AI.

Protecting security and privacy

As the national debate between Apple and the FBI raged in 2015 over law enforcement access to encrypted data, Congressman Lieu emerged as a strong advocate for privacy and encryption. Looking past simplistic arguments pitting privacy against national security, Congressman Lieu brought his fact-based perspective to encryption policy, culminating in legislation that would ban states from forcing device manufacturers to build in security backdoors. He was also instrumental in pushing the House of Representatives to adopt a security app to protect Member and staff devices.

Fighting for consumers

When the credit reporting agency Equifax abused its customers twice – first, by failing to implement cybersecurity safeguards and second, by forcing them to sign binding arbitration agreements to receive credit monitoring, Congressman Lieu [stepped in](#) to call out the injustice and lack of prioritization of cybersecurity in the industry. He introduced historic legislation that would protect victims of data breaches from predatory arbitration agreements and fought for a national data breach notification law that would force companies to disclose data breaches to their customers. Congressman Lieu also authored [legislation](#) to help consumers identify secure internet-connected devices for their homes, laying the groundwork for a very similar initiative later implemented by the Biden Administration.

Enhancing federal cybersecurity

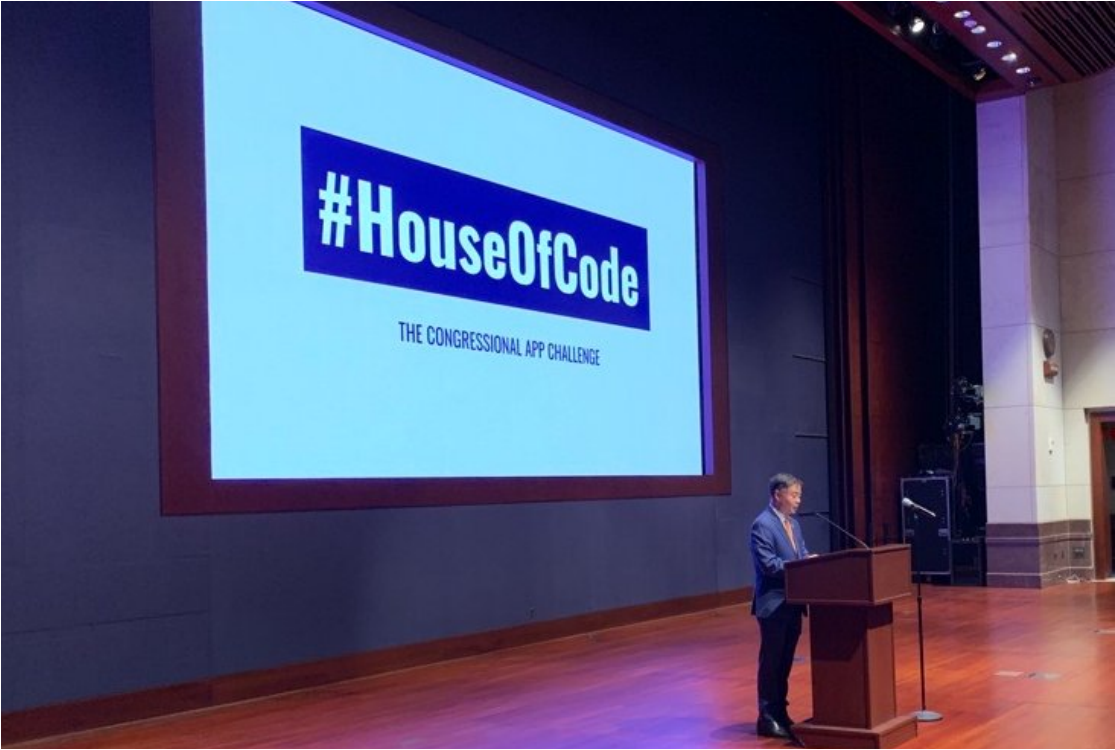
Congressman Lieu has been a staunch advocate for strengthening cybersecurity within our government. Recognizing the increased threat of cyberattacks from foreign adversaries, he authored [legislation](#) that strengthens cyber defenses by establishing a State Department Vulnerability Disclosure Program to field vulnerabilities reported by the public. The legislation also provides Congress with information regarding any efforts the State Department takes to establish a Bug Bounty program, which utilizes ethical hackers to identify vulnerabilities in the State Department's networks and systems. The legislation became law in 2022. Congressman Lieu also championed a similar bill, the Hack the Department of Homeland Security Act, which was signed into law in 2018.

Improving oversight of electronic surveillance

As facial recognition has become more entrenched in our daily lives, Congressman Lieu introduced [legislation](#) that would place robust limits on law enforcement use of the technology and protect Americans' civil rights and liberties. In addition, he [authored bills](#) that would require a warrant for law enforcement agencies to access Americans' metadata and protect people from unlawful surveillance at protests. He also introduced legislation to protect reproductive data privacy by preventing law enforcement agencies from using surveillance methods to investigate abortion providers or individuals seeking an abortion.

Building the next generation of coders

One of the best parts of the job according to Congressman Lieu is meeting with young leaders and entrepreneurs. Congressman Lieu is a host for the Congressional App Challenge, a community competition that brings together students from diverse backgrounds to develop mobile applications. Congressman Lieu enjoys meeting annually with the winners at a reception in Washington, D.C. He has also authored legislation that would foster cybersecurity job growth and make our nation safer.



Rep. Lieu speaks to young coders at Congressional App Challenge Reception