Internet Society Fellowships

Robbie Mitchell

Internet Measurement Day Bucharest, September 2026



New look

Internet Society Fellowship Program

The program empowers experienced Internet changemakers and emerging leaders alike to take the next step in their careers and make a real impact.

The 10-month program gives fellows the opportunity and resources to turn locally grounded ideas into tangible results and lead lasting change in their communities and across the Internet ecosystem.

Learn How to Become a Fellow



https://www.internetsociety.org/fellowship/

One fellowship, multiple pathways.

TRACK 1

Internet Policy & Mobilization

SUB-TRACKS

- → Internet Policy
- → Community Mobilization

TRACK 2

Internet Connectivity

SUB-TRACKS

- → Peering
- → Community-Centered Connectivity

TRACK 3

Internet Safety & Security

SUB-TRACKS

- → Systems Security
- → Online Trust & Safety

A two-stage journey

Stage 1

Step 1: Enroll in Pre-Fellowship Training
Step 2: Complete all required modules (by 22 Nov 2026)
Step 3: Receive the fellowship application link
Step 4: Submit the fellowship application (by 18 Dec 2026)
Step 5: Fellowship applications review and selection process
Step 6: Fellowship outcome offer

A two-stage journey

Stage 2

Step 7: Begin the fellowship

- **22 February 2027**: Kick-off and onboarding
- **1 June 2027–30 November 2027**: Mentored project execution
- **3 December 2027**: Final project delivery
- **Early December 2027**: Graduation ceremony

Throughout the year, fellows will **attend conferences/events** that are relevant to their tracks and sub-tracks. These will take place at various times, depending on the track the fellow selects.

Who should apply

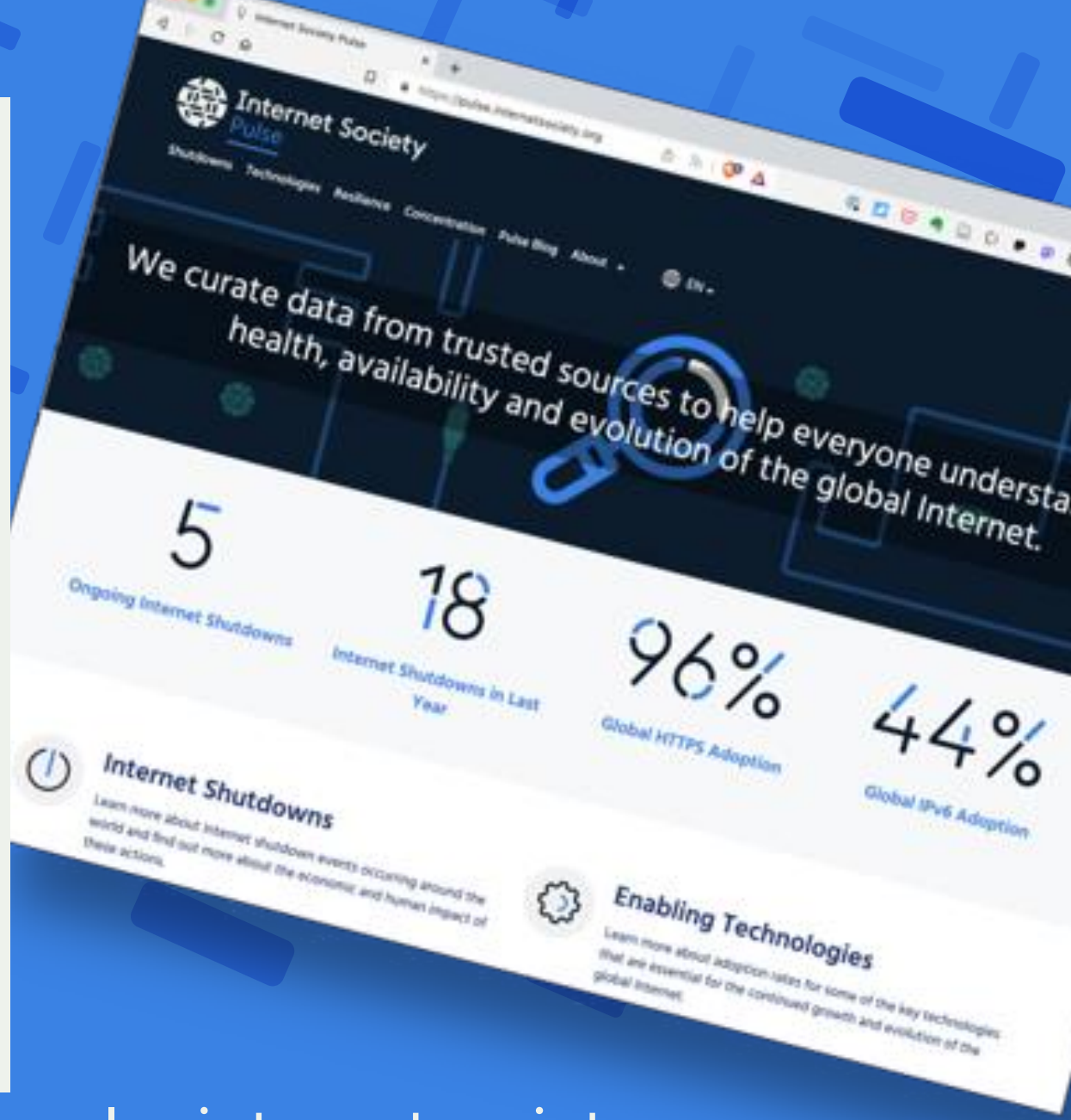
- **Locally rooted and globally aware:** You understand local challenges while connecting them to broader Internet governance, connectivity, security, or trust and safety issues.
- **Action-oriented and impact-driven:** You focus on creating real-world change through concrete projects, advocacy, training, or community initiatives rather than purely academic or theoretical work.
- **Collaborative and multistakeholder-minded:** You work effectively across communities, civil society, government, industry, and technical groups to achieve sustainable outcomes.
- **Strong communicators:** You can explain complex technical, policy, or security concepts in accessible language and tailor messages to diverse audiences.
- **Evidence-based and strategic:** You use data, analysis, and clear reasoning to identify opportunities, influence decision-makers, and guide action.
- **Committed to long-term public benefit:** You see the fellowship as the start of sustained engagement, advancing an open, trustworthy, and inclusive Internet while aligning with the Internet Society's mission and values.

Internet Society Pulse

- Launched in December 2020.
- We curate Internet measurement data from trusted sources to help everyone gain deeper, data-driven insight into the Internet.

Trusted data from multiple sources:

- **Benefit**: Helps to assess whether efforts to ensure that the Internet remains open, globally connected, secure, and trustworthy are working.
- **Benefit:** Allows policymakers, researchers, journalists, network operators, civil society groups, and others to better understand the health, availability, and evolution of the Internet.



pulse.internetsociety.org

Focus Areas



Enabling Internet Technologies

- IPv6
- TLS
- DNSSEC
- RPKI (ROA & ROV)



Internet Shutdowns

- Artificial Internet shutdowns
- Service blocking events
- Economic loss



Internet Concentration

- Local ISPs
- Upstream providers
- Data centers
- DNS servers
- CDNs
- SSL Certificates
- Hosting



Interconnectivity and content locality

- IXPs
- Data centers
- Peering efficiency
- Locally cached content



Internet Resilience

- Infrastructure
- Performance
- Security
- Market readiness

Pulse Research Fellowship and Mentorship

- **Support** the development of original, top-tier Internet measurement research.
- **Foster** a community of researchers, data specialists, and network engineering experts alongside policymakers and journalists to help strengthen and grow the Internet.
- **Strengthen** partnerships among global organizations engaged in data-driven research to gain a deeper understanding of Internet trends.
- **Develop** new techniques or implement existing methodologies to improve data gathering, analysis, and visualization on the Pulse platform.
- **Explore** interdisciplinary research topics related to making the Internet resilient, robust, and open.
- **Publish** in top-tier conferences such as ACM IMC, CoNEXT, SIGMETRICS, or SIGCOMM.



2026 Fellows and Mentors



Amit Samanta
(United States)

Project: Mapping the Carbon-Aware Internet: Analyzing Global Routing Paths for Energy Grid Sustainability



Hospice Alfred Afolabi Arouna
(Norway)

Project: Mapping Regulated IP Blocking and Its Collateral Damage



Gabby Rimlinger
(France)

Project: Systematic analysis of AS prefix exchange patterns at IXPs with BGP public data



Malte Tashiro
(Japan)

Project: Identifying Multi-Layer Dependencies on the Internet



Syed Tauhidun Nabi
(United States)

Project: NetBreakout: Mapping Mobile Network Egress Infrastructure to Assess Internet Resilience



Weitong Li
(United States)

Project: Mapping Internet Resilience and Dependency in Real-World Routing

Supports researchers in conducting data-driven analysis or developing tools that contribute to an open, globally connected, secure, and trustworthy Internet.



Yevheniya Nosyk
(France)

Project: Let's Encrypt IPs: Tracking the Evolution of Trusted TLS Certificates for IP Addresses



Yu Shing Hung
(Thailand)

Project: Measuring Market Concentration and Infrastructure Dependencies of Chinese Internet Providers in the Global South



Zahra Yazdani
(United States)

Project: Characterizing Host Behavior Changes after Internet Outages



Zeynep Arslan
(France)

Project: Infrastructure Heterogeneity and the Stability of Internet Quality Scores

Publish your research



17 September 2026

Tracking Southeast Asia's Internet Concentration Problem

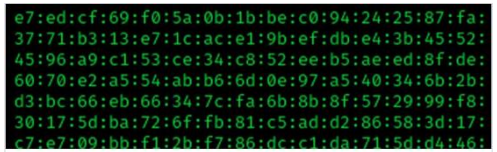


Jason Hung

Guest Author | 2026 Pulse Research Fellow

A Pulse Research Fellowship study shows that Southeast Asia is almost entirely dependent on U.S. Content Delivery Network providers, while IP infrastructure provision is relatively more diverse and localized.

Categories: Concentration



8 September 2026

Let's Encrypt IPs: Tracking the Evolution of IP X.509 Certificates



Yevheniya Nosyk

Guest Author | KOR Labs

Measuring IP certificates provides useful insight into the concentration of the certificate authority market and the evolution of IP address-reliant systems.

Categories: Concentration



3 September 2026

The Internet's Hidden Handshakes: Mapping the Connections We Can't See



Gabby Rimlinger

Guest Author | Sorbonne Université

New method is helping to make a historically hidden layer of the Internet visible, using only publicly available data

Categories: Resilience



16 June 2026

Anchors Aweigh, Networks Down: Tracking the Impact of Cable Cuts on Internet Resilience



Riya Ponraj

Guest Author | University of Oregon

Better visibility into submarine cable infrastructure could help operators detect outages faster, reroute traffic more efficiently.

Categories: Resilience



9 June 2026

Beyond the Homepage: Measuring What It Really Takes to Keep Web Traffic Local



Martin Thodi

Guest Author | University of Cape Town

Current measurements show US, Germany, and France host the bulk of content globally, while South Africa is serving an important regional hub for Southern African countries.

Categories: Resilience

https://pulse.internetsociety.org/en/blog/tags/research-fellowship/

Present at Pulse Research Week





https://pulse.internetsociety.org/en/events/pulse-research-week-2026/

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