- About me
  - Kershaw Chang
  - Engineer in Firefox Networking team
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- Core Work Areas:
  - HTTP protocols
  - DNS
  - QUIC protocol development
  - WebTransport implementation
  - Enhancing overall networking performance in Firefox

Research topic

- Firefox networking benchmark framework
  - Network Configuration and Traffic Shaping
    - tc on linux
    - Simulate predefined network conditions with varying packet loss rates.
  - Test Execution
    - Scripts developed to run within the Browsertime framework
      - Only download and upload tests for now
    - Integrated with Firefox CI

Machine

Browser

Caddy Reverse Proxy

Node.js Backend Server