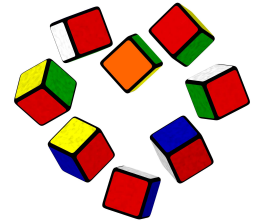


Lucas Garron

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A mathematician and hacker with a specialization in security,
looking for a full-time position in research or software engineering.

Education

- *Stanford University* – 2008 to 2012 – B.S. in Mathematics
 - *Stanford University* – 2012 to 2014 – M.S. in Computer Science (Theory/Cryptography)
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Tech Skills

- Expertise: web security, Javascript, HTML+CSS, Mathematica, Python, git, shell coding
 - Extensive experience: cross-platform web apps, Go, Java, C, C++, PHP
 - Graphics / animation: UI mockups/assets, CSS, SVG, Sketch, Photoshop, ImageMagick
 - Sysadmin / webmaster for worldcubeassociation.org, cubing.net, crypto.graphics, etc.
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Experience

- Engineer working on usable security for Chrome web browser at *Google Inc.* (2014-2017)
 - Introduced the DevTools security panel (2015)
 - Developing the HSTS security preload list (2015-2017)
 - Contributions to moving the web to HTTPS (2014-2017)
 - Started and maintained widely used test sites: badssl.com and permission.site
 - Cryptography Instructor for high school students at *SPCS Summer Institutes* (2014)
 - Stanford Research Assistant in Cryptography with *Dan Boneh* (2013/2014)
 - Working on new cryptographic protocols, and surveying current HSTS deployment.
 - Security Intern at *Dropbox* (2013)
 - Implemented fixes for various security issues.
 - Stanford TA for CS242 – Programming Languages (2012), CS255 – Cryptography (2013, 2014)
 - Junior Counselor at *Canada/USA Mathcamp* (2012)
 - Backend Developer with mobile payments company *Clinkle* at early startup stage (2011)
 - Intern at *Wolfram|Alpha* (2010)
 - *Section Leader* for introductory programming courses at Stanford (2010 - 2011)
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Rubik's Cube

- Former President of the *Stanford Cube Club* and organizer of 8 official competitions to date.
- Co-founder of the WCA Regulations Committee (standards body for Rubik's Cube competitions).