

Bring questions. Build answers.

Join Google Security & Privacy Engineering



Google

Excited by Possibilities. Every Day.

We stand between Google's users
and the dark places of the internet.
Preserving Security & Privacy for billions.



Are you passionate about building systems to protect users from attacks? Do you like to break things—and then fix them? Does working at massive scale on a stunning array of technologies appeal to you?

Join Google Security & Privacy Engineering to work on hundreds of different projects; conduct cutting-edge research on the diverse security and privacy needs of users; and use a wealth of tools, languages, and frameworks—including advanced cryptographic techniques and machine learning—from hardware up through the software stack. Our mission is to keep Google and its millions of users safe, secure, and happy. Are you ready to help us fight the good fight?

Find current opportunities with our team:
g.co/SecurityPrivacyEngJobs

For the latest news and insights from our Security & Privacy Engineering team, visit our online security blog (<https://security.googleblog.com/>)



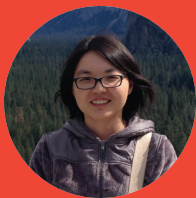
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xor eax, esi          push eax             mov eax, 0xd13b9b3d
push eax              mov eax, 0xd13bd307  xor eax, esi
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xor eax, esi          push eax            mov eax, 0xc92e901b
push eax              mov eax, 0xe5299111  xor eax, esi
mov eax, 0xe5299111   xor eax, esi         push eax
xor eax, esi          push eax            mov eax, 0xd733975e
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What we look for

Though every Googler is unique, there are a few qualities our Security & Privacy team members share. Here's a quick look at what we value most:

- Endless curiosity
- Openness to diverse perspectives
- Fearless tenacity
- Lifelong desire to learn
- Passion for new challenges
- Collaborative approach
- Energetic spirit

Meet a few of our team members—profiled here—who are great examples of people who put these traits to work every day.



Xinxin Liu
Privacy Infrastructure Engineer

Xinxin is the perfect example of a Googler who came up with an innovative idea and made it a reality. She devised a way to use machine learning to automatically infer the semantics of the user data across Google's backend infrastructure: "I realized there might be a "missing piece" in the way we looked at the data, and I was given lots of flexibility to pursue the project."

Xinxin joined Google shortly after completing her Ph.D at the University of Florida, where she completed her dissertation on privacy.

"The most challenging part of my role is handling ambiguity. Privacy is still fairly new—with lots of undefined areas—which keeps things very exciting every day."



Michal Zalewski
Principal Security Engineer

The author of two popular books on application and web security, Michal Zalewski has seen many changes over the 20 years he's worked in the field. "There's an acute awareness across the industry that security is still very new, with a fluid and rapidly evolving body of best practices." That makes the job constantly challenging and rewarding for Michal and his team.

"No day is typical, which keeps surprising me even after nine years at Google," he says. Michal feels strongly that traits like curiosity, critical thinking, and a self-driven passion to find answers are essential for security engineers:

"The curious ones excel—and we compete to get them."



Sandra Raicevic
Senior Security Engineer

Putting herself in the attacker's perspective is essential to what Sandra Raicevic does every day.

"It was very helpful to have worked as a penetration tester, to get experience on the offensive side of security. It expanded my views on preventive measures and sharpened my sense of investigation."

Based in Zurich, Sandra focuses on detection, protection, and response to security incidents across Google's internal infrastructure. She loves the collaborative nature of what her team does:

"We have smart people from all different backgrounds—with very different perspectives. This allows us to combine points of view for the best detection and protection."



Cyrus Vesuna
Senior Security Engineer

Cyrus Vesuna is a four-year veteran Google Security Engineer who helps protect the platforms that Googlers use internally. He describes his key mission as “keeping Googler’s productive while keeping their systems secure.” Cyrus feels strongly that his background (22 years) as a software engineer and then a Systems Engineer prepared him well for his role in security and privacy.

As he observes, “...**you see the whole picture —how things work behind the scenes. This helps you make much better decisions about how to approach security.**”

Cyrus loves the collaborative, user-focused approach that Googlers take in applying security rules that “make things intuitive and keep users from suffering.”



Lucas Ballard
Senior Staff Software Engineer

For Lucas Ballard, Google is the best place to be because he is “continually blown away by the smarts of my team as well as how incredibly nice they all are.” The job is never dull. Lucas joined Google upon completing his PhD at Johns Hopkins, and after considering several offers in academia, government, and research, he was attracted to the company for a few key reasons:

“I liked the idea that we could rapidly make the world a better place for billions of people. Stuff that is happening here is truly cutting edge, and we have massive compute power to explore and solve issues.”

Find bugs. Make bucks.

Even if you’re not a Google employee, you can play a key role in helping us make our products and services secure. And we’ll pay you to do so.

In 2010, we launched the Vulnerability Reward Program (VRP)—a worldwide effort to encourage individuals to identify and report bugs and security incidents. To date we’ve paid out more than \$6 million to honor all the external contributors who help keep our users safe.

One great example: Sanmay Ved was able to buy google.com for one minute on Google Domains. His reward was \$6,006.13 (spells out Google numerically), and we doubled it when he donated the amount to charity.

Find out more at www.google.com/about/appsecurity/reward-program



“We’ve got more than 700 researchers who love to find really cool bugs—and some of them become Google hires.”

Eduardo Vela Nava
Senior Security Engineer, Vulnerability Reward Program.

Become a Googler. How we hire.

We're always looking for talented people who can bring new perspectives and life experiences to our Security and Privacy teams. There's no single type of Googler. If you're looking for a place that values your curiosity, passion, and desire to learn, follow these three steps to apply.

1

Apply

Find current opportunities with our team:

g.co/SecurityPrivacyEngJobs



2

Interview

Check out these pointers to help you prepare:

www.google.com/about/careers/how-we-hire/interview/

3

Decide

Learn about how we make hiring decisions:

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