Simon Hollingshead

Site Reliability Engineer at Google · BA (Hons., Cantab.)

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Initially contact me by:
Email, InMail ✓
Phone ✗

Latest CV always at:
simonhollingshead.com/cv/
(this CV generated 2026-01-01)

skills

C++
Communication
Cybersecurity
Incident Response
Monitoring Design
System Design
Troubleshooting

interests

CTF Competitions
Economics
Scavenger Hunts
Security Conferences
Space
Walking

experience

Since Sep '17 — **Site Reliability Engineer at Google** — London, UK

Infrastructure Risk Engineering SRE (Since May 2022)
Developing and implementing designs for horizontal security improvements to the entire Google production infrastructure. Requires big-picture thinking and consideration of how to execute such changes safely with the minimal possible companywide cost to productivity.

Ads Quality Infrastructure SRE (Sep 2017 – May 2022)
Service owner for a large backend product in Google Ads. Executed large projects to increase developer velocity, improve turnup speed and safety, and improve time to remediation during incidents through changes to the monitoring. Primary on-call during multiple major Ads outages, requiring troubleshooting and incident response skills.

Sep '14 – Aug '17 — **Software Engineer at BAE Systems Applied Intelligence** — Guildford, UK

Systems Engineering, Commercial Solutions Enterprise Managed Security (May 2015 – Aug 2017)
Built systems used by our Security Operations Centre. Generally involved either system administration tasks, building 'glue' applications to plumb together multiple commercially-available software products to meet our needs, or writing our own services where no such tool existed (e.g. for loading specialised datasets into ElasticSearch).

Rules and Analytics, Commercial Solutions Enterprise Managed Security (Sep 2014 – May 2015)
Wrote rules which identified anomalous activity from within terabytes of data daily using Hadoop MapReduce and Apache Hive. Learned how to consider a customer's needs when producing analytics directly consumed by a remote team (the Security Operations Centre) and how to collaborate to provide richer information and reduce false positives. Produced many tools which just became a standard part of Operations' toolkit to monitor, rerun or backfill data into the analytics system.

education

2011 – 2014 — **BA Hons.** in Computer Science (Class **2.i**) — University of Cambridge

A full academic history is provided at https://simonhollingshead.com/cv/.

other certifications

Oct 2016 — **Professional Scrum Developer I** — from Scrum.org