Arkadiy Tetelman

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Experience

Chime

- **Principal Security Architect (02/2025 - present)**
  Architecting harder than anyone has ever architected before
- **Security Architect (07/2021 - 02/2025)**
  I've transitioned back to an individual contributor role :)
- **Head of Application & Infrastructure Security (02/2020 - 07/2021)**
  At Chime I recruited and currently lead a team of 9 to secure our application code and AWS/Kubernetes infrastructure.
  On the application security front we manage the bug bounty program, provide security code and design reviews, implement static analysis and secrets scanning into our CI/CD pipeline, coordinate 3rd party penetration tests, mitigate entire vulnerability classes, and evangelize security within engineering with our security champions program. We place a heavy emphasis on partnering with engineering, as security can only be successful as a collaborative and empathetic function.
  On the infrastructure security front we enable preventative and detection controls across our dozen AWS accounts ranging from IAM least privilege, service control policies, s3 public access blocks, runtime misconfiguration scanning, cloudtrail alerting, and more - we write safe-by-default terraform modules & sentinel policies to prevent vulnerable resources from ever making it into production in the first place. We also secure more than a dozen Kubernetes clusters, all managed in code via ArgoCD.

Lob

- Head of Security (03/2019 - 11/2019)
- Staff Application Security Engineer (04/2018 - 03/2019)

Airbnb - Senior Application Security Engineer (01/2017 - 03/2018)
Twitter - Senior Application Security Engineer (07/2014 - 12/2016)
CardSpring (acquired by Twitter) - Backend Software Engineer (08/2012 - 07/2014)
Freelancing - Backend Software Engineer (03/2011 - 08/2012)

Conference Talks

- **Security Paved Roads at Chime,** Resourcely Podcast**,** 8/13/2023 (video)
- **What Does it Mean to Build a Proactive Security Culture in an Organization,** BSides SF, 4/22/2023 (slides, video)
- **SecuriTEA & Crumpets Podcast**, 4/29/2022 (video)
- **Accel Scholars: How to Grow Your Engineering Career**, UC Berkeley, 4/13/2022
- **Comparative Prodsec Programs**, Enigma, 2/2/2021 (video)
- **Security Culture**, Tech Trek podcast, 11/24/2020 (audio)
- **Non-Political Security Learnings from the Mueller Report**
  - BSides SF, 2/23/2020 (slides, video)
  - BSides Dallas, 11/2/2019 (slides)
  - Appsec Global DC, 9/12/2019 (slides)
- **Concrete Steps to Create a Security Culture**, BSides San Francisco, 3/4/2019 (slides, video)
- **Enlisting Ethical Hackers to Solve Cyber Risk**, RIMS Cyber Risk Forum, 10/4/2018
- **Data Driven Bug Bounty**, BSides SF, 4/15/2018 (slides, video)

Patents

- Processing Access Requests on a Service-to-Service Basis Using a Third-Party Identification Token (US-12244717-B1)
- Utilizing Base-Image Hashing for Deployment Admission Control Validations (pending)

Education

UC Berkeley: B.A. in Computer Science, B.A. in Applied Mathematics