# Segev Malool

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## Awards and Certifications

Ping Identity Excellence Award | Capital One TechX Finalist | UC Berkeley Fung Alumni Award

Master of Engineering | Ping Identity Certified Professional – Ping Federate | CompTIA Security+

## Technical Skills

API Design | Cost Analysis | Relational Data Modeling | Statistical Data Mining | Optimization Analytics | Enterprise Identity

Build Tooling | Automated Quality Assurance | Automated Deployments | Cloud | Software Architecture | Access Control

TLS/mTLS | HTTP/S | Tunneling/Proxy | SOAP | OAuth2 | OpenID Connect | SAML | FIDO2

Java | JavaScript/TypeScript | Python | Splunk | Docker | PingFederate | AWS ECS | Kubernetes | Github Actions

## Experience

**Lively, Inc.**                                    May 2022 – Present | San Francisco | Full Time

**Software Engineer**                                    Backend, Platform, and Integrations

⊕ Implemented backend APIs for mobile, resulting in 4.9 stars at over 4500 ratings, an industry leading achievement.

⊕ Collaborated with product marketing team to deliver affiliate partnerships for B2B referrals using Impact Radius.

⊕ Under emergency conditions, implemented a simple detection algorithm which saved thousands of dollars of daily.

⊕ Enhanced confidentiality and integrity of third party integrations using SAML, SFTP, and tunneling HTTPS/mTLS.

⊕ Drove foundational software engineering advancements, elevating culture, cohesion and operational excellence.

**Fannie Mae**                                    Jan 2022 – May 2022 | Reston, VA | Full Time

**Software Engineer**                                    Mortgage Commitment and Delivery

⊕ Implemented enterprise-scale, event-driven software integrations across multiple Java and Angular applications.

⊕ Drove enterprise integration through Gradle configuration features for repository management (Nexus).

**Capital One**                                    Feb 2019 – Jan 2022 | McLean, VA | Full Time

**Software Engineer → Senior Software Engineer**    Workforce Authentication (SSO) and Machine Learning as a Service

⊕ In under a year, orchestrated an award-winning, cloud-native deployment of PingFederate, serving over 1000 clients.

⊕ Spearheaded an exploratory StrongKey FIDO2 Server (SKFS) deployment for passwordless authentication.

⊕ Reduced workforce SSO cost by 90%, maintaining security standards, seamless user experiences, and enterprise scale.

⊕ Fostered collaboration and teamwork focused on key business and technical topics.

⊕ Implemented cutting-edge capabilities for Capital One's internal machine learning platform.

## Education

**UC Berkeley**                                    Jun 2017 – Jun 2018 | Berkeley, CA | Full Time
Master of Engineering, Industrial Engineering and Operations Research

**UC Santa Barbara**                                    Jun 2014 – Jun 2016 | Santa Barbara, CA | Full Time
Bachelor of Science, Statistical Science