segevmalool@berkeley.edu

Segev Malool

(925) 255-3481

Awards and Certifications

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

Ping Identity Certified Professional – Ping Federate | AWS Certified Solutions Architect | CompTIA Security+

Technical Skills

Java | JavaScript | Python | Reactive Programming | Application Frameworks

Build Tooling | Quality Control | Automated Deployments | Cloud | MicroApp Components

TLS | HTTPS | OAuth2 | OpenID Connect | SAML | FIDO2 | Access Control

Experience and Education

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

Software Engineer

⊕ Enabled quality assurance for payment card data processing services (Visa DPS, Fiserv).

⊕ Drove adoption of secure software engineering practices (TLS).

⊕ Facilitated discussions around data engineering, test data management, and automated QA.

⊕ Developed web application components, software libraries, job scripts, and database migrations.

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

Software Engineer

⊕ Supported mortgage commitment and delivery by developing features for multiple Java applications.

⊕ Maximized velocity by applying Spring Framework integrations.

⊕ Developed data transformations using JPA and JAX.

⊕ Drove collaborative problem solving and adoption of enterprise patterns.

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

Developer Academy → Associate Software Engineer → Senior Software Engineer

⊕ Supported data-driven business capabilities by developing application components for Capital One Data Insights.

⊕ Led an award winning deployment of PingFederate in Amazon Cloud.

⊕ Led an exploratory StrongKey FIDO2 Server (SKFS) deployment in Amazon Cloud with SSO integrations.

⊕ Cut cost of delivery for Single Sign On infrastructure by over 90%.

⊕ Provided integration support and on-call incident response.

⊕ Drove adoption of authentication best practices for over 1100 business applications.

⊕ Drove adoption of devops, source control, and AWS well-architected framework.

⊕ Facilitated teamwork and collaboration around key technical issues.

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Clover Health

Aug 2018 – Jan 2019 | San Francisco, CA | Full Time

Data Operations Coordinator

⊕ Verified, investigated and resolved provider data quality issues.

⊕ Exemplified operational excellence by actively participating in data model review sessions.

⊕ Engaged technical team to promote collaboration and cross-functional communication.

UC Berkeley

Jun 2017 – Jun 2018 | Berkeley, CA | Full Time

Master of Engineering, Industrial Engineering and Operations Research

⊕ Completed interdisciplinary team projects in business and engineering.

⊕ Completed coursework in data science, probability, and optimization analytics.

⊕ Improved detection of arrhythmias in electrocardiogram data.

UC Santa Barbara

Jun 2014 – Jun 2016 | Santa Barbara, CA | Full Time

Bachelor of Science, Statistical Science

⊕ Completed core coursework in probability modeling, statistical data analysis, and experiment design.

⊕ Completed elective coursework in data mining, time series, formal languages, and graph/network theory.

City College of San Francisco

Jun 2012 – Jun 2014 | San Francisco, CA | Full Time

Associate, Mathematics

⊕ Completed general education in science, language, and arts.

⊕ Tutored mathematics from arithmetic through multivariable calculus for the CCSF Learning Assistance Center.

⊕ Planned and executed lecture events on behalf of the CCSF Math Club.