

Sam Cheng CTO / VPE / Engineering Manager / Software Engineer
sam@samcheng.com • +1 (650) 218-7044 • www.samcheng.com/portfolio/
688 Josina Ave • Palo Alto, CA • 94306

Summary

With 15 years of technical experience, including 10 years managing technical teams and groups, I'm equally comfortable committing code, planning, and managing. I'm an inspiring leader of engineers, and a respected peer to non-technical counterparts, with proven executive facility in business functions like HR, finance, and marketing.

Experience

RINSE

SAN FRANCISCO, CA

CTO & Co-Founder

Aug '13 – Present

Built a technology-enabled laundry and dry cleaning delivery startup, launched in five markets across the US with \$15mm annual revenue. We raised \$25mm and grew the technical team to 12, including Corporate IT and BI / Data Science, supporting tens of thousands of customers, hundreds of active delivery drivers, and dozens of vendors. Technologies include a polished consumer website and app, sophisticated logistics and delivery planning algorithms, cross-platform mobile apps for our vendors and drivers, high-reliability infrastructure, and enterprise-level data engineering.

Solum

MOUNTAIN VIEW / SAN FRANCISCO, CA

VP of Software

Jul '11 – Jul '13

Solum was a precision agriculture startup, with hardware devices, a soil lab, and software tools to help farmers manage their nitrate and other fertilizer application. We raised \$23mm from top VCs, recruited a team of engineers, and eventually sold the company to The Climate Corporation. Our software included a soil sampling app for iOS and Android, kiosk-like interfaces for custom laboratory gear, a laboratory information management system, geospatial visualization reporting tools for end users, and crop growth models incorporating weather data.

3TIER

SEATTLE, WA

VP of Engineering / Director of Software / Team Lead / Software Engineer

Apr '07 – Feb '11

With rapidly escalating responsibility, developed systems for climate analysis and weather forecasting to facilitate decisions about renewable energy projects. Brought software engineering best practices to a scientific R&D environment. Recruited and managed multiple teams of software and web developers, designers, QA engineers, and product managers while architecting and managing the design, development, and operation of renewable energy information systems. Released the award-winning FirstLook wind prospecting tool and hundreds of terabytes of groundbreaking solar and wind data sets.

Amazon

SEATTLE, WA

Software Development Engineer

May '05 – Nov '07

Developed and maintained the 'Search Inside the Book' project. Wrote text analysis software and user interfaces for the extraction of citations, key phrases, first sentences, and other text statistics. Released features that remain prominent on Amazon books detail pages. Hired and trained engineers to launch Amazon's Digital Video category, assuming a senior role through code review, design, and system tutelage. Created a video download store with integrated website and rich client experiences.

Please refer to my [LinkedIn profile](#) for the complete list of work experiences along with recommendations.

Education

Stanford University

STANFORD, CA

Master of Science in Electrical Engineering

2002 – 2005

Bachelor of Science in Computer Science

1998 – 2002

Technical Skills (Abridged)

System Architecture, Full-Stack Application Development, Data Modeling, Infrastructure Engineering, Data Engineering, Dev Ops

Corporate IT, Network Administration, Information Security, Compliance

Unix, AWS, SQL, HTTP, AMQP, git

Python, Javascript, C, Java, Ruby, bash

Postgres, Django, Celery, Heroku, CircleCI, DRF, ElasticSearch, Twilio

React, JQuery, SCSS, Backbone.js, Bootstrap, React Native, Hybrid apps

Non-Technical Skills (Abridged)

Engineering Management, Recruiting, Performance Management, Professional Development

Project Management, Product Management, UX Design, Release Management, Documentation

Business Intelligence, Analytics, Modeling, Experiments
