

EMILY BARTLETT

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SECURITY | ENGINEERING | COMMUNICATION | ARTS | INNOVATION

Accomplished, hands on technical leader and executive with 11 years at Apple Inc. in a variety of research, engineering and leadership roles, bridging technology, security, community engagement, and the creative arts. have successfully combined strategic vision with technical expertise to develop secure and scalable solutions, develop and lead dynamic teams, and foster impactful community initiatives. I am skilled at effectively communicating complex concepts across diverse organizational levels, driving alignment and understanding, ensuring successful project execution.

Core Competencies:

- Strategic Leadership in Security and Technology
- Creative and Innovative Solution Design
- Advanced Data Management and Secure ETL Processes
- Multilingual Communication Systems
- Civic and Community Engagement

PROFESSIONAL EXPERIENCE

Trestle Collaborative | Security Engineer

Remote | 2024 - Present

- Providing Virtual Chief Information Security Officer (CISO) and Chief Technology Officer (CTO) services, ensuring strategic oversight in complex security environments.
- Designing secure, high-volume ETL pipelines supporting civic engagement, voter data management, and election analytics.
- Developing highly secure infrastructure environments for at-risk clients.
- Creating comprehensive threat assessments, reports and Information Security policies.

Bolinas Civic Group | Founder & Executive Director

Bolinas, CA | 2020 - Present

- Developing multilingual, real-time translation software and emergency alert systems to facilitate inclusive community communications and response.
- Initiated community-driven projects to enhance civic engagement, transparency, and leadership effectiveness.
- Developed and managed digital platforms, including websites and email communication channels tailored for community engagement.
- Led cross-organizational nonprofit collaborations and grant initiatives, creating adaptive strategies addressing evolving community needs.
- Organized and facilitated large-scale community forums to promote collaboration and community dialogue.

Apple, Inc. | Senior Manager, Security Engineering

Cupertino, CA | 2017 - 2019

- Directed security engineering teams responsible for developing systems supporting application assessment, asset management, and vulnerability remediation.
- Secured Apple's infrastructure through robust vulnerability management practices and tools.
- Acted as compliance expert for standards including PCI, SOX, HIPAA, FERPA, ISO27000, and WebTrust.
- Delivered strategic risk assessments and plans to senior executives, significantly enhancing organizational security posture.
- Improved security practices within software development lifecycle (SDLC) by integrating effective tools and vulnerability management strategies.

- Managed diverse teams delivering complex security projects with cross-functional coordination.

Apple, Inc. | Engineering Manager, Retail Systems

Cupertino, CA | 2014 - 2017

- Led a Research & Development team, designing secure, innovative, user-friendly solutions, deployed to all Apple Retail Employees
- Managed diverse teams including senior engineers, designers, project managers, and technical writers.
- Coordinated with internal stakeholders—engineering, audit, security, and finance—to ensure solutions met business and compliance objectives.
- Executed strategic planning for capital investments, aligning product development with Apple's design principles.

Apple, Inc. | Senior Engineer, Retail Systems

Cupertino, CA | 2011 - 2014

- Developed enterprise-level asset management solutions used globally by over 50,000 employees to track more than 1.5 million assets.
- Created cross-platform software to simplify complex inventory and asset management tasks.
- Designed and implemented secure, scalable infrastructure supporting critical operational processes.

Apple, Inc. | AV Software Infrastructure Engineer

Cupertino, CA | 2009 - 2011

- Built scalable audio and video infrastructure solutions for Apple's global retail operations.

SKILLS

Security & Compliance: Security Engineering | Information Security Policies | Secure ETL & Data Processing | SIEM Systems | Critical Infrastructure Protection | Incident Response & Risk Analysis | Regulatory Compliance (PCI, SOX, HIPAA, FERPA, ISO27000)

Technology & Engineering: Cloud Infrastructure (Google Cloud Platform) | Python Development | Cross-Platform Application Development | Systems Architecture | Asset & Inventory Management | Data Visualization | Real-Time Systems | Infrastructure as Code

Leadership & Management: Strategic Leadership | Virtual CISO & CTO Roles | Project & Program Management | Agile Methodologies (Scrum Master, Product Owner) | Business Continuity Planning | Stakeholder Engagement | Visionary Communication

Creative & Communication: UX/UI Design | Multilingual Communication Systems | Real-Time Translation | Emergency Communications | Audio, Video, & Lighting Engineering | Creative Project Management | Public Speaking

Community & Civic Engagement: Civic Leadership | Community Engagement | Cross-Organization Collaboration | Grant Writing & Development | Problem-Solving