**Karen B. Seward**

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### **Summary Statement**

Senior software developer with master’s in computer science and 5+ years experience at top Bay Area companies. OSEE & CISSP. Increased code delivery speed by 7% and power evaluation accuracy by 12%, while regularly contributing to open source projects and Termux. Seeking to leverage proven leadership and expertise to become the next senior software developer at Facebook.

### **Work Experience**

**Senior Distributed Systems Software Developer, Apple Cloud Services**

Apple, Cupertino, CA

*November 2019–Present*

* Guided the Apple Cloud Services team on various projects, including Siri, iCloud, and iTunes.
* Spearheaded and coached more than 15 distributed software system projects.
* Tested, Coded, reviewed, and delivered software with 100% on-time record and according to service level objectives.
* Overhauled continuous integration (CI) and continuous delivery (CD) pipeline which increased code delivery speed by 7%.

**Software Developer, Android team**

Google, Mountain View, CA

*June 2016–November 2019*

* Designed and implemented 30+ critical firmware, functional tests, and debugging tools for android systems.
* Directed cross-functional team to integrate cross device data storage solutions for important internal projects.
* Transformed and improved performance and power evaluation accuracy by 12% by overhauling test software.
* Optimized embedded device software efficiency by 15% and improved system stability by 32%.

### **Education**

**Master of Science (M.S.) in Computer Science**

University of San Francisco College of Arts and Sciences, San Francisco, CA

*August 2014–May 2016*

* Relevant Coursework: Distributed Software Development, Mobile APP Development, System Architecture

**Bachelor of Science (B.S.) in Computer Science**

San Francisco State University, San Francisco, CA

*September 2010–June 2014*

### **Skills**

**Expert (★★★★★)**: Java, Android, AWS

**Advanced (★★★★☆)**: Go, Scala, Kotlin, JUnit

**Familiar (★★★☆☆)**: CI/CD, Groovy

### **Certifications**

* Offensive Security Exploitation Expert (OSEE), *December 2019*
* Certified Information Systems Security Professional (CISSP), *August 2017*