# Christopher S. Chin

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## Experience

**Capital One**                                                                                     **New York, NY**
*Principal Associate*                                                                                 *2023 – Present*

- Upheld strong engineering culture by instituting regular code reviews, mentoring junior engineers and promoting knowledge sharing
- Drove reliability improvements for financial calculations through identifying, socializing and implementing fixes with stakeholders and product owners, raising accuracy for some fields by a factor of 10
- Led engineering discussions to integrate system for data ingestion and processing into broader AWS-based product architecture

**Meta Platforms**                                                                               **Cambridge, MA**
*Software Engineer*                                                                                    *2021 – 2023*

- Fostered adoption of Conveyor, Meta's continuous deployment platform, by designing, driving consensus on, and implementing features to streamline batch operations across multiple services in Rust
- Drove reliability improvements by identifying and fixing performance issues across distributed subcomponents; educated team by writing and presenting postmortems
- Conferred with customer teams to determine pain points and inform product roadmap

**Luminoso Technologies, Inc**                                                                      **Boston, MA**
*Senior Software Developer*                                                                             *2018 – 2021*

- Drove migration of Daylight, Luminoso's flagship text analytics product, to a Docker-based approach for deployment in AWS
- Improved scalability of Daylight's document processing by designing and implementing a pipeline utilizing Celery and Redis
- Reduced compute time and operating costs of Daylight's processing pipeline by researching and implementing autoscaling groups

**Oracle Corporation**                                                                          **Burlington, MA**
*Senior Software Developer*                                                                             *2014-2018*

- Developed features and bugfixes for MiniCluster Management Utility according to business and customer needs with Django and Python, turning a proof of concept into a product adopted by a global customer base
- Automated Solaris virtual machine deployment as a feature of MiniCluster Management Utility, saving hours of traditional manual configuration
- Automated security hardening measures to ensure virtual machines' compliance with one of several popular policies (CIS equivalent, PCI-DSS, DISA-STIG), shortening setup from hours to minutes
- Promoted to Senior Software Developer in 2018

## Education

**Massachusetts Institute of Technology**                                                       **Cambridge, MA**
*B.S. Electrical Engineering and Computer Science*                                                     *2008-2012*

**Massachusetts Institute of Technology**                                                       **Cambridge, MA**
*Graduate Studies in Electrical Engineering and Computer Science*                                          *2013*

## Core Technical Skills

**Operating Systems/Environments:** Windows, Linux, Solaris
**Languages:** Python, Rust, Scala, Groovy, JavaScript
**Frameworks/Tools:** AWS, Git, Mercurial, Django, Docker, Celery, Redis, Jenkins