

Matthew Cadier Kim

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Summary

Seasoned software engineer with extensive experience in fintech, Bitcoin infrastructure, and machine learning. Proven track record at high-growth startups and major financial technology companies. Expertise in risk management, cryptocurrency systems, and data engineering.

Key Professional Experience

CashApp | L6 Software Engineer | Apr 2022 - Jan 2024

Worked on the bitcoin custody team, managing hot wallet and Lightning Network infrastructure. Built proof of reserves pipeline and managed critical system during high-fee environments.

Square | Senior Software Engineer | May 2018 - Apr 2022

Technical lead for Square Bitcoin Conversions project. Built risk management systems for payments and banking. Collaborated across organization on critical financial infrastructure.

Coinbase | Machine Learning Engineer | Nov 2017 - Dec 2018

Developed backend services for risk prediction and fraud detection. Built event pipelines and ETL systems for real-time data processing.

Postmates | Senior ML Engineer | May 2016 - Nov 2017

Built real-time prediction services for fraud detection and platform optimization. Designed and implemented Pegasus, a risk assessment service using Kinesis events. Tech lead a team building merchant prep-time estimation. Created a geo-spatial data pipeline improvements.

Technical Skills

Languages: Java, Kotlin, Python

Technologies: Bitcoin, Lightning Network, Data Pipelines, Statistical Machine Learning

Academics

Machine Learning researcher in Epidemiology - UCSF 2015-2016

Led computer vision project using CNNs to diagnose trachoma from eyelid photographs, implementing transfer learning for automated disease detection. Led to published paper and results.

MA in Combinatorics and Discrete Geometry - SFSU 2013-2016