

Matthew Cadier Kim

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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, data engineering, and ML infrastructure.

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 the 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. Built Coinbase's first real time event production scheme.

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 Vision Researcher in Epidemiology - **UCSF** 2015-2016

Led a 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