

# MATIAS N. KOPP

## Senior Software Engineer

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### PROFESSIONAL SUMMARY

Senior Software Engineer with expertise in Golang, Python, and machine learning. Experienced in building high-performance, scalable systems, deploying deep learning solutions in production, and delivering measurable improvements in throughput and efficiency. Strong background in authentication services, computer vision, and distributed systems. Skilled in AWS, Databricks, and Kubernetes. Fluent in English.

### CORE SKILLS

- **Programming:** Golang, Python, Java, React
- **Machine Learning:** PyTorch, Computer Vision, Deep Learning, Recommendation Systems
- **Cloud & Tools:** AWS (DynamoDB, S3, ECS, ECR), Databricks, Kubernetes, Grafana, DataDog, Kibana, GitHub, ElasticSearch
- **Other:** Agile Development, Cross-functional Collaboration, System Design

### WORK EXPERIENCE

#### Wizeline / Warner Bros Discovery — Sr. Software Engineer

Jul 2024 - Present

Remote

- Developed and deployed Golang services for partner authentication integrations supporting HBO Max.
- Delivered production-ready features on schedule, improving partner onboarding throughput by 20%.
- Gained hands-on experience with AWS DynamoDB, Databricks, Kibana, Grafana, GitHub, and Kubernetes (via kubectI).

#### MercadoLibre, Argentina — Sr. Software Engineer

Feb 2023 - Jun 2024

Córdoba, Argentina

- Designed, deployed, and monitored distributed deep learning solutions for content moderation.
- Built and optimized convolutional neural networks to detect text in images and assess image quality.
- Contributed to the development of a similarity recommendation engine for large-scale production use.

#### MercadoLibre, Argentina — Ssr. Software Engineer

Jan 2020 - Feb 2023

Córdoba, Argentina

- Supported development of ML-driven content moderation systems
- Collaborated with cross-functional teams to improve reliability and scalability of backend services.

#### MercadoLibre, Argentina — Jr. Software Engineer

Feb 2018 - Jan 2020

Córdoba, Argentina

#### Universidad Tecnológica Nacional, Argentina — Research Scholar

Jul 2017 - Dec 2017

Córdoba, Argentina

- Conducted research projects in applied computer science as part of academic scholarship.

## EDUCATION:

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### **IT/Software Engineering**

*February 2015 - In Progress*

Universidad Tecnológica Nacional FRC - Córdoba, Argentina

## INTERESTS:

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- **Culinary Exploration:** Always eager to experiment with new ingredients, flavors, and cooking techniques.
- **3D Printing:** Enthusiastic about designing and fabricating custom models and functional prototypes, exploring the intersection of creativity and engineering.
- **Electronics & RC:** Passionate about building and tuning remote-controlled vehicles and devices, with hands-on experience in soldering, and system integration.