

ALEX RIVERA

Senior Machine Learning Engineer

Education

M.S. in Computer Science – Artificial Intelligence, University of Washington, 2017

B.S. in Computer Science, University of California, 2015

Projects

- Conversational AI Platform:** Built multilingual NLP chatbot integrated with Slack and Microsoft Teams using Rasa and AWS Lambda.
- AI-Powered Resume Parser:** Developed named entity recognition (NER) pipeline to extract candidate details from unstructured resumes.

Skills

Languages: Python, C++, JavaScript, SQL ★★★★★

AI/ML Frameworks: TensorFlow, PyTorch, Keras, Hugging Face Transformers ★★★★★

Tools: AWS SageMaker, Google Cloud AI Platform, Docker, Kubernetes ★★★★★

Specialties: NLP, Computer Vision, Model Deployment, Reinforcement Learning ★★★★★

📞 (415) 555-0198

✉️ alex.rivera@email.com

📍 United States, San Francisco, CA

Professional summary

Innovative AI engineer with experience designing, developing, and deploying machine learning models in production environments. Skilled in natural language processing, computer vision, and deep learning architectures.

Experience

January 2021 - October 2025

Senior Machine Learning Engineer

FictionalTech Solutions, San Francisco, CA

- Designed and deployed transformer-based NLP models using Hugging Face and PyTorch to power customer service chatbots for Fortune 500 clients.
- Reduced inference latency by 35% through model quantization and GPU optimization on AWS SageMaker.
- Led a team of 4 engineers in implementing a computer vision quality inspection system for a global manufacturing client, improving defect detection accuracy by 18%.

August 2017 - December 2020

Machine Learning Engineer

CloudScale AI, Mountain View, CA

- Built CNN-based image classification models deployed in Google Cloud AI Platform for medical imaging applications.
- Developed automated training pipelines with Kubeflow, cutting model retraining time from 3 days to 10 hours.

June 2016 - August 2017

AI Research Intern

NeuroNet Labs, Seattle, WA

- Researched reinforcement learning algorithms for autonomous navigation, achieving 92% path efficiency in simulation tests.
- Published findings in the *Journal of Artificial Intelligence Research*.

Awards

⭐ Best AI Product Award – AI Summit San Francisco (2022)

⭐ Dean's List – UC Berkeley (2013–2015)