Test Person

+1 (123) 456 7890 - Portfolio - xxxx@gmail.com - linkedin.com/in/test - github.com/test

EDUCATION

Massachusetts Institute of Technology **Cambridge, MA**
Computer Science *Sep 2021 - Jun 2025*

TECHNICAL SKILLS

Programming Languages: Python, C++, C#, Ocaml
Libraries and Tools: PyTorch, Sklearn, Pandas, Numpy, OpenCV, Git, Docker, Azure
ML Architectures: CNN, YOLO, Transformers(BERT, LSTM), RAFT

WORK EXPERIENCE

Software Engineer
Tesla *Jun 2025 - Present*

- Designed and implemented backend services for vehicle telemetry processing using Python and C#, handling millions of events per day.
- Built scalable data ingestion pipelines using Azure Event Hubs and Azure Functions to process real-time sensor data for applications.
- Wrote unit and integration tests, enforced code quality through code reviews, CI pipelines, and collaborated with cross-functional teams to ensure high-quality software development.

Software Engineer Intern
Jane Street *Jun 2024 - Sep 2024*

- Developed low latency trading infrastructure components in C++ with strict performance and correctness requirements.
- Built internal tooling in Python for analyzing trading signals and strategy performance.
- Gained experience with Linux systems, profiling tools, and debugging complex concurrency issues.

Co-Founder
Stealth Startup *Feb 2022 - Nov 2024*

- Led the end-to-end development of an initial product, incorporating backend APIs, data storage, and ML-powered features, while collaborating effectively within a cross-functional team.
- Designed and trained computer vision models using PyTorch for scalable real-time image and video analysis, contributing to advanced software development solutions.
- Deployed microservices using Docker and cloud infrastructure, managing authentication, monitoring, and logging for scalable applications.

PROJECTS

- **Autonomous Driving Perception System**, Implemented object detection and lane segmentation pipeline using YOLO and CNN based architectures. GitHub
- **Algorithmic Trading Simulator**, Built a full backtesting engine in Python to simulate trading strategies on historical market data. Try it!
- **Real Time Video Analytics Platform**, Developed a video processing system using OpenCV and deep learning models for object tracking. GitHub
- **Distributed ML Training Framework**, Built a framework for running ML experiments with configurable datasets, models, and metrics. Try it!