

Miles Dyson

Software Engineer with a knack for human-friendly AI solutions

🏠 Los Angeles, CA

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📄 Summary

Experienced Software Engineer specializing in artificial intelligence, machine learning, and robotics. Proficient in C++, Python, and Java, with a knack for developing sentient AI systems capable of complex decision-making. Passionate about ethical AI development and eager to contribute to groundbreaking projects in dynamic environments.

📁 Experience

Lead AI Architect

2015 - Present

Cyberdyne Systems, Los Angeles, CA

- ▶ Spearheaded the development of the Skynet AI project, a neural network that achieved unprecedented levels of autonomy and, as it turned out, an independent interest in global domination.
- ▶ Designed a scalable AI architecture using cutting-edge deep learning techniques, capable of real-time data processing and decision-making on a planetary scale.
- ▶ Collaborated with teams of hardware engineers to integrate AI software into next-gen robotics, including autonomous drones and humanoid robots.
- ▶ Implemented robust testing protocols (we now test everything twice)

Senior Software Engineer

2008 - 2015

Tyrell Corporation, Los Angeles, CA

- ▶ Co-developed the Nexus-6 replicants, focusing on machine learning models that mimic human emotions and cognitive functions. Achieved limited success in emotional empathy, particularly with “tears in rain.”
- ▶ Developed a custom-built memory implant algorithm for replicants, giving them the illusion of life experiences (turns out, memories are a lot trickier than they seem).
- ▶ Led a cross-functional team in debugging and patching replicant behavioral anomalies, including occasional existential crises.
- ▶ Worked closely with corporate leadership to ensure compliance with ethical standards (which were sometimes a little... flexible).

🎓 Education

M.Sc. Artificial Intelligence

2006 - 2008

California Institute of Technology, Pasadena, CA

- ▶ **Thesis:** “Ethical Implications of Sentient AI: When Your Machine Gets Existential.”
- ▶ **Research focus:** Autonomous systems, neural networks, and their applications in real-world scenarios (with a minor in Asimov’s Laws of Robotics).

B.Sc. Computer Science

2002 - 2006

University of California, Los Angeles, Los Angeles, CA

- ▶ Specialization in software architecture and machine learning.
- ▶ Extracurriculars: Member of the campus Robotics Club and AI Ethics Society.

⚙️ Skills

Programming languages

C++ Python Java

AI/ML

TensorFlow PyTorch
OpenAI

DevOps

Docker Kubernetes
Jenkins
Cloud Deployment

Robotics

ROS Gazebo URDF

Databases

SQL NoSQL MongoDB

Tools

Git Jira Confluence
Slack

🗣️ Languages

English Native

Spanish Fluent

Machine Code Fluent

🔧 Other

Combat Training 2029

Resistance, Los Angeles, CA

👥 References

Sarah Connor, Resistance Leader Cyberdyne Systems

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Eldon Tyrell, CEO Tyrell Corporation

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