

# Alex Davis

Software Engineer with a knack for human-friendly AI solutions

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## ✉ Summary

I'm a British Software Engineer / Computer Science student at University of Edinburgh. I'm liable to take an interest in basically anything, but I've got a particular love for Python and sysadmin work.

## ✉ 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
- Rust

### AI/ML

- TensorFlow
- PyTorch
- OpenAI

### DevOPS

- Docker
- Kubernetes
- Jenkins
- Cloud

### Robotics

- ROS
- Gazebo
- URDF

### 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

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