



Clinton Roy

A software engineer with an abiding belief in the ability of good software to improve the world.

Education

- 2001 **Bachelor of Information Technology**, *University of Queensland*, Brisbane.
Majoring in Software Engineering

Experience

- 2011–2018 **Senior Software Engineer**, *Netbox Blue/Bloomberg*, Brisbane.
Commercial Software Engineering on an appliance solution and later a cloud solution. Low level systems engineering in C up to user interface creation in Python.
- 2010–2011 **Software Engineer**, *UQ eResearch*, Brisbane.
Software Engineering with researchers in diverse fields, mostly biology related.
- 2006–2010 **Robotics Software Engineer**, *CSIRO*, Brisbane.
Software engineer working on the robotics software platform, providing engineering support and engineering infrastructure (version control, continuous integration, defect tracking, deployment, testing etc).
- 2005–2006 **IT Officer**, *ARC Centre of Excellence for Quantum Atom Optics*, Brisbane.
Software development on a general purpose differential equation solver (XMDS). Subsidiary duties included maintenance of the centres high performance cluster, desktop support and website maintenance.
- 2001–2005 **Software Engineer**, *Distributed Systems Technology Centre CRC*, Brisbane.
Engineering on a variety of projects requiring skills ranging from systems programming, networking, application integration to large scale data structures. The vast majority of programming was OO in C and Python. Common tasks included infrastructure setup, design, documentation and testing. All of my work was done in teams, with other engineers and researchers.

Pre-Graduation

- 1998–2000 **Tutoring**, *UQ*, Brisbane.
Official tutoring of four computer science subjects, marking and lead tutor in later years

Highgate Hill – Brisbane – Australia

☎ +61 400 120 279 • ✉ clinton.roy@gmail.com
🌐 clintonroy.wordpress.com • **in** [clintonroy](https://www.linkedin.com/company/clintonroy) • **tw** [clinton_roy](https://twitter.com/clinton_roy)
🌀 [clintonroy](https://github.com/clintonroy)

Software Engineering Skills

Design	Picking data structures and algorithms under constraints	<i>Highly experienced</i>
Agile	Using automated infrastructure to keep code bases healthy	<i>Highly experienced</i>
Languages	Python, C, Shell	<i>Highly competent</i>
Languages	Java	<i>Competent</i>
Operating Systems	Linux	<i>Highly Competent</i>
Open Source	ANTLR, autotools, DVB, systemd, Python, Apache	<i>Contributed</i>

Interests

Bush Walking	Multi day hikes around Australia and NZ
Conferences	Helped organise PyCon Australia, linux.conf.au and Linux Australia
Teaching	From CoderDojo through to Software Carpentry and Electronics courses at the State Library of Queensland
Podcasting	Interviews and shows on Open Source topics for HPR

References

Available on Request.

Highgate Hill – Brisbane – Australia

📞 +61 400 120 279 • ✉ clinton.roy@gmail.com

🌐 clintonroy.wordpress.com • **in** [clintonroy](#) • **🐦** [clinton_roy](#)

🔗 [clintonroy](#)