

Greg Baker – Summary

Greg Baker is a successful entrepreneur and technologist, author, translator, and internationally-awarded composer and musician. His client list after more than twenty years of consulting includes a who's-who of startups, multinationals, governments and charities.

Career and life highlights include:

- Being on the team at CSIRO Radiophysics that went on to create wifi
- Building and selling two successful businesses
- Developing the world's first quantum computing simulation language
- Being invited to give parliamentary evidence to the national inquiry into broadband wireless
- Patenting an aspect of Google's large-scale system administration
- Finding a bug in Google's pagerank algorithm
- CTO of Daisee, which had (at the time) Australia's largest seed funding round
- Playing on stage at the Opera House with the Piano Guys
- Winning the Australian mathematics competition twice
- Winner of a world-wide competition for software-generated music (in 2020)
- Publishing the first English translation of one of the books in the Heidi series
- Building one of the largest computational linguistics datasets (LEAFTOP: an average of 300 words in 1500 languages)
- Contributing clauses to the Australia-USA Free Trade Agreement on digital rights management

Contact Details

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Languages Spoken

English	Natively	Mandarin	Really, really badly
Esperanto	Terrible, but comprehensible	Cantonese	Enough to understand my in-laws
German	Native speakers beg me to stop	Bahasa	Used to be OK, terrible now
French	Can read a bit, translated a book successfully	Bislama / Tok Pisin	Only for communication emergencies
Latin	Mostly forgotten	Koine Greek	Not too bad, but not that useful
Korean	Just started learning it		

Misc Diplomatic

APEC card holder (can visit most Asia-Pacific countries without obtaining a visa)	Contact me face-to-face for details of security clearance level.
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Significant Consulting Clients

ACT Treasury, Administrative Appeals Tribunal, AkademiGA Malaysia, All Phones, Allianz, Alphawest, Astra Zeneca, Atlassian, Aon, Auckland City Council, Australian Federal Parliament, Barker College, Bloomberg, Breville, Catholic Education Office, Centre for Organisational Innovation, City of Kingston Canada, Clayton Utz, Commonwealth Bank, Cranbrook School, Defence, Department of Human Services, Douough, Dimension Data, Entertainment Partners, Hewlett-Packard, HSBC, Fandom, FastPass, Fujitsu, General Assembly, Gigster, Grand Design Systems, GWA, Healthy Price, Hewlett-Packard, HSBC, Lilyfield Partners, Meat and Livestock Australia, Melbourne Water, Microfocus, Microtech DPS, Morgan Stanley, NIB, North Sydney Council, NZ Ministry of Social Development, Novartis, Optiver, Optus, Origin, Panasonic, Papua New Guinea Telikom, PeopleReign, Pixc, Prince of Wales Medical Research, Royal Automobile Club of WA, Royal Children's Hospital, Royal Women's Hospital, RPA Nuclear Medicine, Signature Control Systems, SDI, SkyCity, Smith Family, Sunrice, Swire Group, Sydney Cognitive, Telstra, Taupo Council, TNT, Trinity Grammar School, True Digital, Trustpower, Unbox Research, Uniting Care, Universiti of Teknologi Mara, Vanuatu Treasury, Vodafone, Volt, Waverley College, Web Punch, Woolworths, Youth off the Streets

Parliamentary Evidence

Urged by Hon Chris Bowen MP (Federal Assistant Treasurer) to submit A Suggestion for Fringe Benefit Tax Changes for Public Transport Tickets to the Australian Treasury Future Tax System Review	April 2009
Invited to provide evidence on the impact of section 17 (intellectual property) of the Free Trade Agreement between Australia and the USA following submission of A Suggestion for Two Small Additions to Chapter 17 of the USA-Australia Free Trade Agreement . Subsequently gazetted.	April 2004 (and October 2005)
Testified before the Australian House of Representatives Enquiry into Broadband Wireless following my submission of Finding A Reasonable Compromise for the Use of 802.11 Equipment in Australia	May 2002

Scientific Papers

Total citations: 26

Number Theory Meets Linguistics: Modelling Noun Morphology Across 1497 Languages Using 2-adic Metrics	Proceedings of ACL-IJCNLP 2022
The Construction and Evaluation of the LEAFTOP Dataset of Automatically Extracted Nouns in 1480 Languages	Proceedings of the Language Resources and Evaluation Conference, June 2022
Q-gol: a system for describing quantum computations – Theory, Implementation and Insights	Macquarie University, School of MPCE, 1996 Computing Honours Thesis

Books Published

Planning, Deploying and Installing Data Protector 9 Published February 2015 www.amazon.com/dp/B00T68FR64
Operating, Running and Supporting HP Data Protector 9 Published February 2015 www.amazon.com/dp/B00T99I4VK
Migrating, Cloning and Obsoleting Data Protector Cell Managers Published December 2014, #1 book on Amazon Australia by an Australian author in the “Business Software” category in its first week after launch. www.amazon.com/dp/B00QWFM5NM
A Better Practices Guide for Populating a CMDB Published March 2014 www.amazon.com/dp/B00J4GZ006
How to use HP Data Protector 8 Published September 2013 www.amazon.com/dp/B00FBD54F2
When Medusa Went on Chatroulette Published December 2015 www.amazon.com/dp/B018GBRDCC
Heidi Grandma Published February 2021, this is a translation from French of the 4th book of the Heidi series. www.amazon.com/dp/B08WH6774S

Academic History

MRes (Masters of Research) <i>p-adic Regression and its Application to a Problem of Computational Linguistics</i>	Macquarie University	2021-2022
B.Sc. with First class honours GPA: 3.75/4.0. Awards: 3 Mathematics, 1 Computer Science. Thesis: <i>Q-gol: a system for describing quantum computation</i>	Macquarie University	1992-1996