

Curriculum Vitae

Regan Russell BSc

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Previous Experience

Contract roles through PymbleSoftware Pty Ltd since 2008 18 year(s), -1 month(s) .
(Personal contracts since 1998) 28 year(s), -1 month(s) .



Recent
Academic projects.
Business projects.
Personal software projects.
Real estate projects.
Working with publishers on technical manuscripts as part of the editorial cycle.

Latest CV

Cross-platform mobile developer with Flutter / PHP Laravel (Lumens) developer (Contract)

Charitable Organisation

Flutter (3.10.6), Flutter Realm (1.3.0), Dart, Stripe (flutter_stripe:9.3.0), credit_card_scanner (1.0.5), PHP, Laravel. Lumens.

GDPR (privacy by design) and PCI DSS (card data handling) compliant as possible. Only static content is kept in an in-memory database, not even in storage.

Over 12,000 lines of Flutter code. Over 800 lines of PHP web service code.

I read somewhere that the average US programmer averages 200 lines of code per day. In the first month, I averaged over 500 lines of code per day. **Greenfield** project from start to finish. Donation app for water and food aid projects. **Cross platform with flutter**. Did all the web services with Laravel/Lumens and MySQL database.

Payment gateway integration with Stripe.

Developer

Company **BP (British Petroleum)** (Contract)

No link: The company's internal app is only available on the corporate portal.

Flutter, Kotlin (Android), AWS CloudWatch, S3, node.js Lambdas, DynamoDB,
Azure DevOps

This was a suite of 3 apps that are four internal use by point of sale BP employees.

I introduced the **feature** of local notifications in Kotlin/Android with an Android AlarmManager boot time background service in less than 500 lines of MVVM architected code.

This was so that station employees could be reminded to rotate stock at certain points in the day.

Bug fixing in Kotlin, Flutter and node.js Lambdas.

Meetings with the UK are scheduled at 8 pm. Late-night meetings are scheduled for every night of the week.

Dealing with Teams messages at 12:46 am

Client **ServCorp** (Contracts)

<https://www.servcorp.com.au/en/oneap/>

Technologies: Swift / Kotlin / Objective-C / Java / PHP / Laravel / CodeIgniter / L^AT_EX

Comments: Replaced back-end login process with Auth0?? (an OAuth implementation). **Maintenance** work in PHP and iOS and Android code to replace naive login and session verification.

Did a **localisation** for the Japanese (日本語) version. I have some understanding of Japanese having once worked in (Citrix 2005/2006) and visited the country several times.

Wrote extensive documentation, and fixed bugs. **Refactored** local login to an OAuth login with Auth0??.

Client: **eDale / ServCorp** (Contracts)

Technologies: Swift / Kotlin / Objective-C / **Java** / Node.js / Heroku / PHP / Laravel / CodeIgniter / L^AT_EX / Android

Comments: Several overlapping short-term contracts. Some clean-up of previous work for Edale, bug fixing, and random ad hoc changes. Hand over and manage a developer I hired through my own company to take over work.

Short-term work on Bluetooth tile beacons for finding car keys - type tag beacons. Another USB-based Bluetooth beacon (Sensoro) and QR code project for allocating desktop handset phones and Wifi access. Worked 3 days a week at Servcorp doing maintenance work on an iOS and Android app that allows for provisioning of desktop handsets and (guest) wifi access

Half of the endpoints of the ServCorp server were in CodeIgniter and half were in Laravel in another repository. I set up a local copy of the code bases on my development machine for debugging server-side and client-side issues.

Client: **Edale Holdings Pty Ltd** (Master contract)

The app has been removed from the app store.

Technologies: Android/iOS/Heroku/Amazon S3, Kotlin, retrofit2??, Swift4, node.js, mongoDB.

Front-end and back-end developer. Team leader

Comments: **Greenfield development** Created a node.js web service with about a dozen endpoints. Created an iOS app that allows users to register, log in and like other users of a dating app. User images on S3 displayed on a dating app. Created an Android version of the same app to talk to the same web service. Full control over everything changing web services to fit the needs of mobile apps and changing mobile apps to deal with web service restrictions. Next to no formal specification. Lots of client hand-holding, random inconsistent changes, About 2700 lines of Kotlin, about 1000 lines of node.js and about 2200 lines of **Swift4** in the first week.

I eventually hired another developer through my own company. **Complete app start to finish**

Client: **Seven Studio at the Easter Show (2 weeks), AMP Banking App** (Multiple Contracts)

Technologies: Android, iOS (iPad), AlamoFire, ffmpeg, Swift 3, **AWS**, **S3**, Carthage, mongoose.js, node.js, MongoDB, Kotlin, iOS/Node.js, MongoDB, Android developer.

7Studio, an App that records videos, displays a teleprompter. The recorded video gets an overlay graphic applied and then merged with a news break intro and news break closing theme. RecordedUI XC unit test. Memory leak debugging with instruments. Run at the Easter show for kids to be a reporter for a day.

Client: **Kordia** (Contract)

No link: The app was available through the corporate portal only.

Technologies: JSONKit, YAJL JSON parser, Telerik C# controls, Visual Studio 2010, SQL Server 2010, Team Foundation Server. **ASP.NET web services.** iOS Developer.

Comments: **Maintenance** work on KST, Kordia's iPod app that communicates with a web service pulling down JSON data for Telco site planning, such as Telstra, Downer and NBN. Converted JSON requests to background SAX style streaming requests updating a UITableView as large projects with lots of assets were taking a long time to update with no indication to the user of any activity. Employed code blocks, ARC, Multi-threading and other more recent or advanced iOS techniques. A little C#/XAML but mostly Telerik controls.

Client: **Mercurien** (Contract)

Technologies: OpenCV, Hadoop¹, ZooKeeper², Cloud Computing technologies, C++, JSON, REST, AJAX, Eclipse, Java, Ant, Maven, Cisco 3400E, Netgear FVS 336, Bamboo, Maven, Ant, **Ruby**

IT Specialist. (network administration, programming, cabling, etc).

Comments: Evaluated cloud computing technologies. Creating VPNs, production and internal Development/Test subnets. Building Java and C++ ANPR³ software. Shell scripting in bash, creating Java build plans in Bamboo. Configuration and release management. OS-X Server administration. SVN management. Installing cameras in car parks, porting OpenCV (C++ computer vision) to OpenIndiana⁴ (Open Solaris). Some OS-X Objective-C coding. Debugging and fixing some pre-existing Ruby code.

Client: **Open Systems Consulting**

Technologies: RedHat Linux, Oracle, SCO UNIX **Apache**.

C/PERL Analyst/Programmer for iPaq mobile devices and infrastructure.

Comments: General UNIX **administration** activities, scripting, adapting cron jobs, setting up IMAP servers, **Apache configuration**, buying SSL certificates, SCO UNIX and Linux, maintaining very very old legacy C code called "carry" and "directbook". Creating WSDL specifications for SOAP::Lite interface and code for a system that accepts SOAP requests and transfers the XML data to whichever state it is destined for. Some PERL. 3 days a week, consulting work. Gathering requirements directly from managing directors of transport companies and implementing changes or making bug fixes and direct deployments to live systems.

Company: **Open Systems Consulting**

Technologies: RedHat Linux, Oracle,

Analyst/Programmer for iPaq mobile devices and infrastructure.

Comments: **Maintenance** work covering for a staff member on leave. Data migration wrapped a SOAP layer around an XML-RPC-like application for interfacing with the SAP PI SOAP interface. Miscellaneous **Apache**/Linux fixing.

Company: **CSIRO / Department of Innovation and Industry Research**,

National Measurement Institute.

Technologies: Linux, C++

Analyst/Programmer

. Comments: **Greenfield development** Linux daemon to certify the synchronisation of the Network Time Protocol with the atomic clocks for all of Australia. Provision of official time for all of Australia: Industry, Government, etc. Got to know the inner workings of the NTP protocol well. Stuffed data into the extensions fields of NTP packets. Wrote a network sniffer daemon program that sniffed the network for NTP packets and extracted and logged the extension fields. On completion of the project did a quick port of the ntpd to Windows, taking less than a week.

Company: **Infoplex**.

Technologies: Linux, mod_perl, CVS, **Blackberry mobile development** JDE, kSoap

PERL Analyst/Programmer.

Comments: **Maintenance** on Linux mod_perl code, some **C# ASP.NET**, Visual Studio 2005, Visual Studio

¹<https://hadoop.apache.org/>

²<https://zookeeper.apache.org/>

³(Automatic Number Plate Recognition)

⁴<https://www.openindiana.org/>

2008, **Java Server Pages**, SOAP calls from Blackberry, ocr-xtr, AutoVue jVue, Apache configuration, AJAX, wrote an 877-page document explaining the current system. Reconfigure hylafax, postfix, created virtual machines, some Crystal Reports, SQL Server 2008, RFC 2445. Lots of Postgres and CPAN, and Perl DBI. **Some IIS.**

Company: **Keycorp**

Technologies: **Apache**, CodeCharge, **PHP**, C++, RedHat

Enterprise Linux 4, XML, pThreads, sockets, Postgres 7.4.5. (Database) **Analyst/Programmer. (Manager of other developers through my own company)**

Comments: Digging for missing source code. Reconstructing missing and broken software, untangling mess, and editing image files with a hex editor because the image specification was a poorly worded paragraph in a long email chain that had not been understood. Hiring and firing programmers. Dealing with specifications that were still changing months after delivery had taken place. Moving columns back and forth between tables to match specs that changed daily. Fixing other programmers' code. Small amounts of Python and PERL in the XML2Db loader. Shell scripting and a lot of system administration of a few RedHat Enterprise Linux 4, servers running as virtual machines under VMWare ESX server. I hired two developers through my own company and managed their work including specification, verification and delivery of their work. I managed another notoriously difficult developer. Working on multiple projects with multiple project managers and allocating time.

Company **SpamMATTERS.**

Technologies: SQL Server, Visual Studio, SysInternals tools, Ethereal. PostgreSQL, FreeTDS.

Team Leader of 5 C++ Developers

CGI-BIN/PERL scripting. **Maintenance of web site. Greenfield development.** Implemented a system that accepts mail into 20 accounts pulls the recipient field out registers them into PostgreSQL table posts values into a web page and parses the result page. Done in 3 days without prior knowledge of PostgreSQL.

Company **Optus / NCS – Part of SingTel.**

Technologies: C++ (aCC/cxx), Tru64 4.0D, AIX,

ORACLE 9.2, Mac OS9, AppleScript, VisualAge C++. Tuxedo8.1, Visual C#, HP-UX 11.0, Solaris, Mac OS9. Weblogic 8.1, XML, ant, Enterprise Java Beans (EJBs)

C++/C#/Tuxedo Team lead/Programmer/ J2EE Programmer

Comments: **Porting/remediation** project replacing SII middleware with Tuxedo.

Boris remediation project. It is a 3-tier client/server application. Apple Mac client in OOPL communicates via OpenUI to the COGS middleware. The COGS talks (via SII replaced by Tuxedo) to the Boris server which contains Pro*C code to talk to the Oracle (7.3.4 replaced by 9.2) RDBMS. The SII section I was responsible for was the SIDL which is like the CORBA⁵ IDL and is kept in a repository which is like the Windows registry. I wrote code to load SIDL to emulate the repository. The original target platform was HP and later moved to AIX. I did a partial port to Linux to do work on my laptop.

Testing of the interface to another system that communicates via ORACLE database pipes. Took a reworked C# client that communicated via OpenUI to the SII Boris and got it to call the Tuxedo Boris from the last two contracts. Led a team of three developers. Training developers, administration, project planning, architecting solution, etc, etc.

SNMP Support for the previous application. Wrote a server that polls a shared memory segment and dumps content to a log file to be retrieved by CA Unicenter Log Agent 3.0 and sent to the SNMP port. Also wrote

⁵<https://corba.org/>

a debug test harness that forces exceptions to be thrown for the “catch and send SNMP trap” code. Prototype for EJB interface for the previous application. Configuration of a WebLogic8.1 and Tuxedo8.1 server on Windows XP. WebLogic to Tuxedo (WTC) code. Java server pages to call the EJB. Ant scripts in XML to compile and deploy the EJB in the WLS. A C++ test program to call the test target service in “BORIS” as a prototype for the JSP/EJB prototype. WebLogic and Tuxedo domain configuration, on Linux, Windows XP and AIX. Documentation and support for previous projects. Maintenance work on the C++ and OpenUI OPL source code on the Macintosh client. Wrote C++ Tuxedo test harness for SIBEL interface.

Organisation: **Department of Computer Science**. James Cook University, Townsville, Australia

Technologies: **HTML, CGI, PERL, PASCAL**, Novell 3.11, OSF/1, Digital UNIX, ULTRIX, SOLARIS, IRIX, C, PVM, MPI⁶. Various supercomputers including SGI, Cray. Processor farms.

Tutor. Semester-long Contract. Research Assistant/Programmer. Contract. Various supercomputers.

Comments: Taught students PASCAL, data structures. **Did some WWW development.** Wrote a 25-page Literature review on distributed data structures. Wrote a Scalable 3D torus distributed termination simulation on multiple networked workstations representing processing elements or nodes of the torus in PVM. The simulation is an accurate model of a distributed termination algorithm for the Cray T3D massively parallel processor⁷. Wrote a pseudo device driver for DEC Alpha under Linux. Modified Linux system to run OSF/1 binaries.

⁶<https://www.mpi-forum.org/>

⁷https://en.wikipedia.org/wiki/Cray_T3D

Education

Backend and Full Stack

- Certificate Winter CMS with Laravel [LinkedIn Learning](#)
Certificate Laravel Testing 101 [LinkedIn Learning](#)
Certificate Essential Statamic for PHP and Laravel Developers [LinkedIn Learning](#)
Certificate Building GraphQL Applications in Laravel [LinkedIn Learning](#)
Certificate Building RESTful APIs in Laravel [LinkedIn Learning](#)
Certificate Building a Paid Membership Site with Django [LinkedIn Learning](#)
Certificate Building RESTful Web APIs with Django [LinkedIn Learning](#)
Certificate Node.js: Securing RESTful APIs⁸ [LinkedIn Learning](#)
Certificate Building RESTful APIs with Node.js and Express [LinkedIn Learning](#)
Certificate Advanced Node.js: Scaling Applications [LinkedIn Learning](#)
Certificate Node.js: Real-Time Web with Socket.IO [LinkedIn Learning](#)
Certificate Node.js: Security [LinkedIn Learning](#)
Certificate Node: Authentication [LinkedIn Learning](#)
Certificate Node.js: Testing and Code Quality [LinkedIn Learning](#)
Certificate Learning npm: A Package Manager [LinkedIn Learning](#)
Certificate Building Bots with Node.js [LinkedIn Learning](#)
Certificate Node.js: Debugging and Performance Tuning [LinkedIn Learning](#)
Certificate Node.js Essential Training: Web Servers, Tests, and Deployment [LinkedIn Learning](#)
Certificate Learning Selenium with Node.js [LinkedIn Learning](#)
Certificate Node.js: Microservices (2019) [LinkedIn Learning](#)
Certificate Node.js: Microservices [LinkedIn Learning](#)
Certificate Databases for Node.js Developers [LinkedIn Learning](#)
Certificate Node.js Essential Training [LinkedIn Learning](#)
Certificate Node.js: Design Patterns [LinkedIn Learning](#)
Certificate Express Essentials: Build Powerful Web Apps with Node.js [LinkedIn Learning](#)
Certificate TypeScript for Node.js Developers [LinkedIn Learning](#)
Certificate Using MongoDB with Node.js [LinkedIn Learning](#)
Certificate Git Workflows [LinkedIn Learning](#)
Certificate ASP.NET Core: Payment Gateways [LinkedIn Learning](#)
Certificate Adding Stripe Payments to Your Ruby on Rails Application [LinkedIn Learning](#)
Certificate Ruby on Rails 7 Essential Training [LinkedIn Learning](#)
Certificate Installing and Running Ruby on Rails 5: Mac [LinkedIn Learning](#)
Certificate AWS for Developers: DynamoDB [LinkedIn Learning](#)
Certificate PHP: Design Patterns [LinkedIn Learning](#)
Certificate Advanced PHP: Debugging Techniques [LinkedIn Learning](#)
Certificate Rust for Data Engineering [LinkedIn Learning](#)
Certificate React: Design Patterns [LinkedIn Learning](#)

⁶³ I have Ruby experience at Mercuiren and AiiMS

General

Pilots license, PPL(Helicopter) License #425348, Flight School, BGT ⁹

Certificate Surf rescue / CPR (Cardiopulmonary resuscitation) **Surfing New South Wales**

Card, PADI certified open water diver (Student number 90318948) **PADI**

Certificate, Spanish, Institute of modern languages, JCU

Diploma, Programming (Accounting, BASIC, COBOL, JCL, IBM System/34, RPG-II, CP/M 2.2) **Control Data Institute** ¹⁰

Certificate, UNIX Administration NCR ¹¹

Degree, Bachelor of Science, Computer Science James Cook University

CP1000 Introduction to Computer Science

GE1010 The Geographical Environment

EV1001 Introduction to Environmental Science

LI1101 Introduction to Linguistics

LI1102 Introduction to Descriptive Linguistics

CP1500 Information Systems

CO1501 Introduction to Commercial Law

CP2000 Computer Science II

CP2050 Computer Science IIA

TG2100 Intro Geographic Inform. Systems

CP2600 Database Systems

CP2700 Theory of Computer Science

CO2801 Business Information Systems II

CP3050 Algorithms and Complexity

CP3060 (Computer) Graphics

CP3070 Computer Architecture and Communications

CP3080 Advanced Programming Languages

CP3100 Formal Languages and Compilers ¹²

CP3110 Fundamentals of Software Engineering

CP3120 Advanced Software Engineering

CP3210 Fundamentals of Artificial Intelligence

CP3220 Advanced Artificial Intelligence

Certificate Responsible Service of Alcohol **Reach**

Certificate Responsible Conduct of Gaming **TCP**

Certificate Prepare your BAS **Macquarie Community College**

Certificate Import/Export Business **Macquarie Community College**

⁵⁷ Basic Gas Turbines, Jet engine maths and physics, pass at 97%

⁵⁸ Control Data Corporation - Supercomputer vendor in the 1980s which chief architect Seymour Cray left to found Cray

⁵⁹ NCR used to run training courses on UNIX mainly around the lesser-known SVR3. Motorola 68k based Tower32 and TowerXP machines

⁶⁰ We wrote a subset of C (called C- -) compiler that generated i386 or VAX/VMS assembler (students choice) and assembled it

⁶¹ DOORS was painful. Every line of code had to be traceable to a military signature and Emulated Windows on IRIX was really slow.

⁶² Won a university prize and had access to number 18 on the list of most powerful computers in the world at the time, ranked by top500.org

⁶⁶ I have IoT and MQTT experience at Milieu Labs

⁶⁷ I have node.js experience at AiiMS, BP, DoppelDate and Seven Studio.

⁶⁸ GDPR and many other laws mean your AI has to be explainable.

⁶⁹ I used AWS S3 buckets at Seven Studio, British Petroleum (BP) and DoppelDate

⁷⁰ General Data Protection Regulation gdpr.eu

⁷¹ Soviet innovation research method (теория решения изобретательских задач) en.wikipedia.org/wiki/TRIZ

⁷² <https://www.w3.org/TR/WCAG21/>

⁷³ Golden ratio en.wikipedia.org/wiki/Golden_ratio

⁷⁴ I have implemented a Hadoop Zookeeper-based application at Mercurien but am also familiar with map-reduce, HDFS, etc

⁷⁵ I have done COBOL programming at Printrak and CDI

⁷⁶ I have experimented with IBM mainframes (MVS 3.8J) under emulation for years and have a 3.5-dimensional hypercube, play games patched to run on 3D shutter glasses with rockets coming out the screen and do stereographic programming. Any qualification seems to hold more weight

⁷⁷ I have Salesforce and APEX programming experience at Invocare. Not to be confused with ORACLE APEX which is a modern web-based version of SQL*Forms from the 1990s

DevOps and Cloud Computing

- Certificate App Center: Continuous Integration and Delivery for iOS [LinkedIn Learning](#)
- Certificate Bamboo Essential Training (2018) [LinkedIn Learning](#)
- Certificate DevOps with AWS [LinkedIn Learning](#)
- Certificate Continuous Delivery with Azure DevOps [LinkedIn Learning](#)
- Certificate Developing CI/CD Solutions with Azure DevOps [LinkedIn Learning](#)
- Certificate DevOps IT Masters/Charles Sturt University
- Certificate GitHub Actions for CI/CD [LinkedIn Learning](#)
- Certificate Azure DevOps: Continuous Delivery with YAML Pipelines [LinkedIn Learning](#)
- Certificate Jenkins Essential Training [LinkedIn Learning](#)

Frontend and UX/Design

- Certificate Practical Accessibility for Designers [LinkedIn Learning](#)
- Certificate Designing with the WCAG 2.2 Guidelines¹³ [LinkedIn Learning](#)
- Certificate Designing with the Golden Ratio¹⁴ [LinkedIn Learning](#)
- Certificate Learning Next.js [LinkedIn Learning](#)
- Certificate Figma: From Design to CSS Implementationn [LinkedIn Learning](#)
- Certificate Building Trust Through UX Design [LinkedIn Learning](#)
- Certificate Figma for UX Design (2021) [LinkedIn Learning](#)
- Certificate UX Foundations: Research [LinkedIn Learning](#)

Security and Privacy

- Certificate Cyber Defence Strategies ITM/CSU
- Certificate Safeguarding Customer Credit Card Data: PCI Compliance [LinkedIn Learning](#)
- Certificate PCI 4.0 First Look [LinkedIn Learning](#)
- Certificate Getting Started with PCI 4.0 Compliance [LinkedIn Learning](#)
- Certificate Working with the PCI DSS 4.0 Compliance Requirements [LinkedIn Learning](#)
- Certificate Learning GDPR [LinkedIn Learning](#)
- Certificate GDPR Compliance: Essential Training¹⁵ [LinkedIn Learning](#)
- Certificate Achieving GDPR Compliance with Microsoft Technologies [LinkedIn Learning](#)
- Certificate Understanding Zero Trust [LinkedIn Learning](#)
- Certificate Symmetric Cryptography Essential Training [LinkedIn Learning](#)
- Certificate Ethical Hacking: Cryptography [LinkedIn Learning](#)
- Certificate ISO 27001:2013-Compliant Cybersecurity: Getting Started [LinkedIn Learning](#)
- Certificate Secure Coding in Python [LinkedIn Learning](#)
- Certificate React: Securing Applications [LinkedIn Learning](#)

Web3

- Certificate Blockchain for Developers: Hyperledger Fabric on Azure [LinkedIn Learning](#)
- Certificate Learning Bitcoin and Other Cryptocurrencies [LinkedIn Learning](#)
- Certificate Blockchain: Learning Solidity [LinkedIn Learning](#)
- Certificate Blockchain: Beyond the Basics [LinkedIn Learning](#)
- Certificate Top 10 Skills for Blockchain Developers [LinkedIn Learning](#)
- Certificate Build an Ethereum Smart Contract with Go and Solidity [LinkedIn Learning](#)

⁷⁸ While not the full Toyota Production System or Total Quality Management, I have been exposed to Japanese corporate culture. Some of which resonate.

e.g.
 生き甲斐 Ikigai
 根回し Nemawashi
 カンバン Kanban
 改善 Kaizen
 平準化 Heijunka
 自働化 (じどうか) Jidouka

Publications

Russell R., (2024) "Thirty-five years in Software Development", Kindle from
<https://www.amazon.com.au/dp/B0DK4FHMZ4> .

Russell R., (2024) "Thirty-five years in Software Development", Paperback from
<https://www.amazon.com/Thirty-five-years-Software-Development-Leadership/dp/B0DP7CR7SV> .
ISBN 979-8301444326

Russell R., (2024) "Thirty-five years in Software Development", Hardcover from
<https://www.amazon.com/Thirty-five-years-Software-Development-Leadership/dp/B0DPDLWPRC/> .
ISBN 979-8301885365

Russell R., (2012) "Programming bada", Kindle, iBooks and PDF file from www.pymblesoftware.com/book/www.pymblesoftware.com/book/bada-short.pdf .
<http://itunes.apple.com/au/book/programming-bada/id543013439?mt=11&ls=1>
<https://www.amazon.com/Programming-bada-Regan-Russell-ebook/dp/B007LFX608>

Russell R., (Nov 1999) "BeRays: A ray tracer for BeOS", Doctor Dobbs Journal.

Russell, R., & Ryan C (1994) "METAcoder for windows: real-time and multi-pass. event logging and analysis in the social and behavioural sciences." Psychology Teaching Review.

Russell, R., & Ryan C. (1994) "METAcoder for windows: real-time and multi-pass. event logging and analysis in the social and behavioural sciences." Psychology Software News.



Doc Dobbs Journal

Review of Windows NT Device Driver Development Doctor Dobbs electronic review of computer books (ERCB).

Review of The Windows NT Device Driver Book: A Guide for Programmers ERCB.

Review of Developing Windows NT Device Drivers ERCB.

Review of Writing a UNIX Device Driver, Second Edition. ERCB.

Review of Panic: Unix crash dump analysis, ERCB.

Review of Advanced animation and rendering techniques, ERCB

Review of Windows TCP/IP. ERCB

Review of Open source development with CVS. ERCB

Review of System performance tuning. ERCB

Review of Learning the vi editor. ERCB

Review of Ada for experienced programmers. ERCB.



BeRays Article

Publications Officier, James Cook University SCUBA Dive Club 1992 - 1993.

Interests

Tennis, Tango, Reading Non-fiction like 'Stolen Focus', Harvard Business Review, Podcasts like 'The Knowledge Project', 'The Finn (Review)', 'Sengoku daimyo', and 'NTI's Japan Real Estate', General Psychology and Economics podcasts, Travel, Outdoors, Playing Ice Hockey, Playing Squash, Snow Skiing, Hiking, Aviation, Sailing, Surfing, Computer Graphics and Parallel and distributed processing and Computer Architecture (especially SIMD, MIMD), hypercubes, CUDA, MPI, PVM, FPGAs, Antique super computers and Mainframes, UNIX kernel internals. Japanese, and French. Playing with Raspberry Pis, Arduinos, Robotics, and managing 6 server racks, routers and various subnets around the house. PADI qualified diver.

Other information

Previous Defence Clearance, Heavy vehicle license (National), Civilian private helicopter pilots license (CAA ref #425348).

Board memberships, committees

- Executive committee Ocean Beach Malibu Club 2016 - 2018
- Treasurer, Strata Plan SP11881
- Director, Macquarie University School of Business Consulting club.
- Director, Three Australian companies.



Latest CV



Book: 35
Years in
Software
Development



Book: Pro-
graqmming
bada



Book a
meeting
with me