
Shyam Has Your Anomaly Mitigated

S^HYAM

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Abstract

This document you are reading describes my curriculum vitae (résumé); which Really means I'm attempting to *convince* you to give me your money.

– – *Shyam Has Your Anomaly Mitigated!!!* :D

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1 Cover Letter

Hello World,

My name is SHYAM; an infinitely recursive acronym, which stands for “SHYAM Has Your Anomaly Mitigated”, and speaks for itself asynchronously, but it’s pronounce “Sharm”.

I live at the University of Canberra, and I’m unwilling to relocate due to the ensuing pandemic, but I can work remotely just as productively.

I am a bachelor of information technology qualified by an online degree in which I collaborated with group projects so I have experience working remotely, and in teams; goto section 3.1.1 for links to My eQuals.

I want to be a FOSS hacker; which means I don’t sign Non-Disclosure Agreements, because Saint GNUcious condemns them, and I am no \$ell-out.

My primary interest is becoming a competitive speed hacker, fluent in at least one programming language; I like a good challenge to hack away at.

And I like to learn; I can learn any language in a week, because I speed read a book every week, but a month has a better ROI.

Prepandemic, I attended CanFP, and volunteered for Lambda Jam, and Compose, and LCA, because I was Really into the functional (Haskell) paradigm; but I also liked logic (Prolog), procedural (assembly), object-oriented (Smalltalk & C++; gcc `̄` cpp supports inline assembly `̄` portability), scripting (Perl), functional-logic (Curry & Mercury), and meta (Lisp & ML).

Postpandemic, I’m more into the Prolog, and Lisp, language families than any of the others, but I’m currently studying linear algebra, and quantum programming using Qiskit (Python) until 2020-10-05, and then I plan on studying Piet until 2020-12-26; my new years resolution for 2021 will be to commit to one language (probably Lisp, even though Prolog is better), and use it every single day, whilst continuing to use other languages on the side; my new years resolution for 2022 will be to commit to two languages (probably Prolog), and so on (Smalltalk is probably next, but Haskell, or Perl, could take its’ place). My annual linguistic commitments will involve implementing self-hosted dialects for optimal fluency.

Live Long \wedge Prosper $\setminus \vee /$,
S^HYAM

2 Academia

2.0 Keys

- | | | |
|--------------------|----------|--------------|
| • High Distinction | • Credit | • Fail |
| • Distinction | • Pass | • Pending... |

2.1 B.IT @ OUA

● RMIT Computer Science Major:

- CPT110: Introduction to Information Technology (Machine Code, Error Control, Lossless Compression)
- * CPT111: Building IT Systems (ClojureScript, Discord.js)
- CPT112: User-Centred Design (UI, UX; I am no artist!)
- CPT120: Introduction to Programming (Jython)
- CPT121: Programming 1 (Java)
- CPT140: Database Concepts (SQL)
- CPT160: Introduction to Computer Systems (Hardware)
- CPT230: Software Engineering Fundamentals (UML)
- CPT250: Data Communication and Net-Centric Computing (TCP/IP)
- CPT251: Security in Computing and IT (Asymmetric Cryptography)
- CPT270: Web Programming (HTML, CSS, JS, jQuery, PHP)
- * CPT310: Professional Computing Practice
- * CPT330: Software Engineering Project Management (Scrum)
- * CPT331: Programming Project (Bash, Perl, NodeJS, JS, Three.js, Scala, NeCTAR)

📖 UniSA Engineering Mathematics Minor:

- ENR101: Essential Mathematics 1: Algebra and Trigonometry
- ENR102: Essential Mathematics 2: Calculus
- * ENR114: Mathematical Methods for Engineers 1 (Octave, MatLab)
- * ENR208: Engineering Modelling (Octave, MatLab, MiniTab)

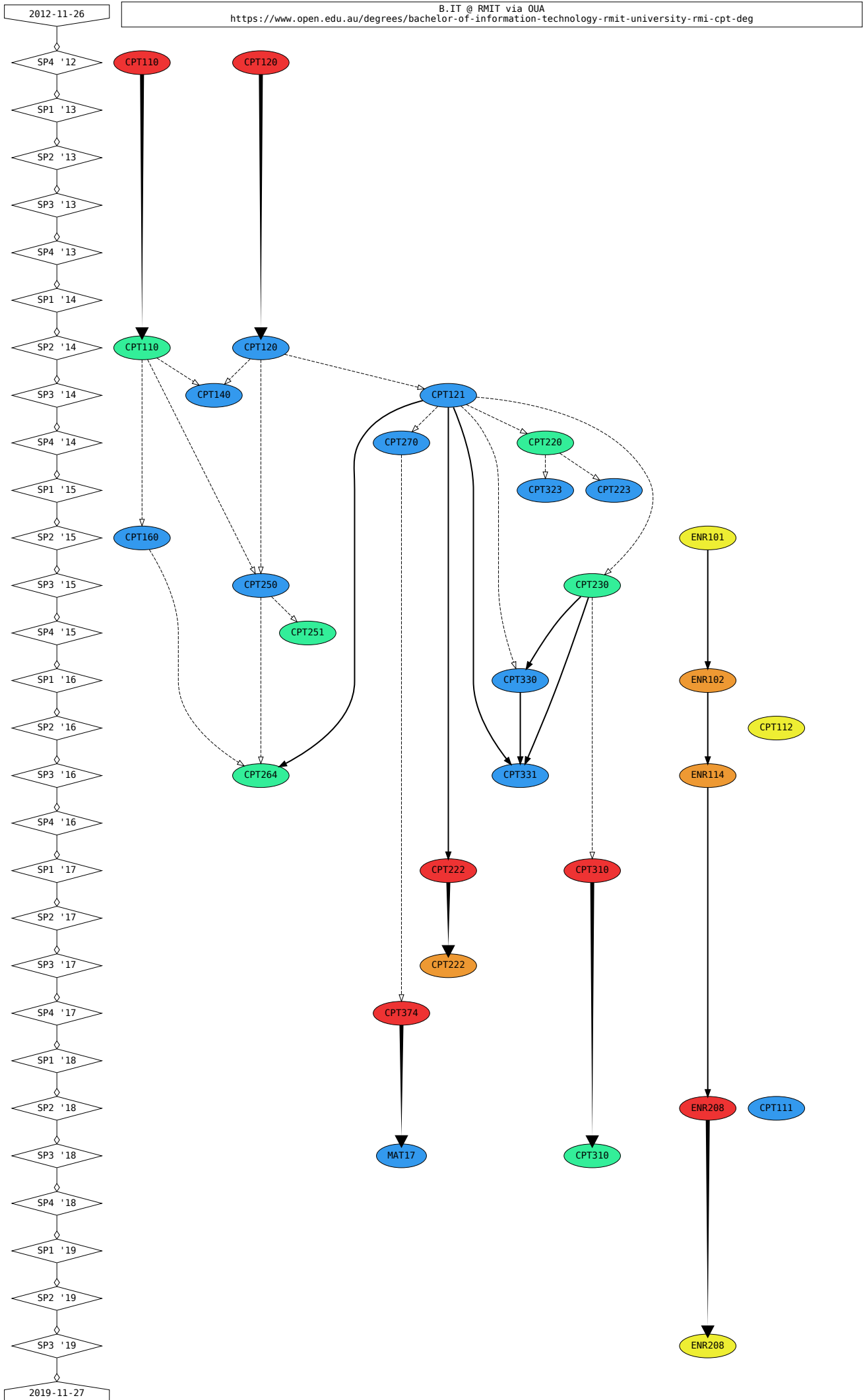
● RMIT Electives:

- CPT220: Programming in C (C)
- CPT222: Software Architecture: Design and Implementation (Java, UML, MVC, GoF)
- CPT223: Scripting Language Programming (Perl, Python)
- CPT264: Unix Systems Administration (Bash, Vim, Git, Linux, Puppet, AWS)
- CPT323: Object-Oriented Programming in C++ (C++)
- MAT17 : Discrete Maths

* Groupwork.

2.1.1 Academic Timeline

Legends					
HD	D	C	P	F	U



3 Horoscope

3.1 Bachelor's Degree

I will study a B.IT by 2019-11-27, and incur a substantial robodebt.

3.1.1 Archaeology

- Testamur @ My eQuals
- Transcript @ My eQuals
- AHEGS @ My eQuals

3.2 Black Summer

I will survive the bushfire that will start in 2019-06, but it will cause me to remain unemployed.

3.3 COVID-19

I will survive the pandemic that will start in 2019-12-01, but it will cause me to remain unemployed, and unwilling to relocate.

3.4 Master's Degree

I will study for my M.IT @ UNSW.

3.4.1 Master Plan

- Core Subjects
 - [COMP9021] Principles of Programming
 - [COMP9024] Data Structures and Algorithms
 - [COMP9311] Database Systems
 - [COMP9331] Computer Networks and Applications
 - [COMP9814] Extended Artificial Intelligence
 - [COMP9900] Information Technology Project
 - [GS0E9820] Engineering Project Management
- Specialisation: Artificial Intelligence
 - [COMP4418] Knowledge Representation and Reasoning
 - [COMP9417] Machine Learning and Data Mining
 - [COMP9844] Extended Neural Networks and Deep Learning
- Dependency for [COMP4418]
 - [COMP9020] Foundations of Computer Science
- Electives: Formal Methods
 - [COMP4161] Advanced Topics in Software Verification
 - [COMP6721] (In-)Formal Methods: The Lost Art
 - [COMP9153] Algorithmic Verification
- Electives: Artificial Intelligence
 - [COMP9434] Robotic Software Architecture
 - [COMP9491] Applied Artificial Intelligence

3.5 World Domination



4 Personality

I do not consume alcohol, caffeine, drugs, nor tobacco. I am vegan, and I support great ape personhood. I'm into skateboarding, martial arts, yoga, Khöömei music, memorisation, mental calculation, speedcubing, and illusions. I'm into science fiction; I'm a Smeghead, Whovian, Jedi, Holmesian Detective, Vulcan-Klingon Hybrid Trekkie, Secret Agent, Wuxia, Faceless Dothraki, Bender, Towelie, Hitchhiker, Man In Black, mathematician, hacker,.. But my favourite television show is Yes Minister; Wubba Lubba Dub-Dub!

4.1 Dailies

Touch Typing : *65 WPM @ 99% accuracy, over 5 minutes.*

2³ Speedcubing: *00:20.97* via this link.

3³ Speedcubing: *02:14.34* via this link.

3³ Blindfolded: *07:14.40* via this link.

4.2 Interests

- FLOSSware
 - Linux
 - Emacs
 - Language Implementations
- Hacking
 - Prolog
 - Lisp
 - Haskell
- Mathematics
- Automation
 - Macros
 - Scripting
 - Artificial Intelligence
- Technology
 - Speech Interface
 - Vision Interface
 - Brain-Computer Interface (OpenBCI)

- Security
 - Sandboxed Virtual Machines
 - Firewalls
 - Cracking
- Games
 - Shenmue
 - Jade Empire
 - Beyond Good & Evil

5 Volunteer Experience

5.1 Australian Navy Cadets

Seaman

2004~2005
Sydney, NSW, AU

38 parades including:

- National Corsair Sailing Regatta
- Botany Bay Challenge Sailing Regatta
- Honour Guard for the Crown Princess of Denmark
- Honour Guard for 200th Anniversary of the Battle of Trafalgar
- ANZAC Day
- Ceremonial Sunset Guard for RAN Communication Branch National Reunion
- Sea Ride in HMAS KANIMBLA
- Kogarah Bed Race
- Rifle Shooting and Marksmanship Principles at Malabar Range

5.2 New Gokula Hare Krishna Farm

Farm Hand

2007~2013
Millfield, NSW, AU

Hand-milking cows two to three times every day, herding cattle, hand-feeding cattle, delivering calves, naming calves, training calves, training bullocks, animal husbandry, growing crops, and general farm maintenance.

5.3 Lambda Jam

Volunteer

2017~2019
Sydney, NSW, AU; Melbourne, VIC, AU

I attended functional programming presentations, while concurrently keeping a mathematically precise count of attendees to later compare against the quantity of votes received per presentation. There was also preconference configuration; including folding shirts, making name tags, and scribbling emoji on the voting tickets to make them more accessible to colour-blind attendees, as the tickets were originally just coloured paper.

I'm the beanie in the 2017 group photo, at the end of the video, performing the Vulcan salute: youtu.be/M_69Gq76Co4

I'm the blue beanie in the 2018 group photo, performing the Vulcan salute: twitter.com/yow_conf/status/999217144133976064

5.4 Compose

Volunteer

2017~2019

Melbourne, VIC, AU

I had functional discussions about life, the universe, and everything; and even managed to catch a couple of the functional programming presentations, and workshops. There was also preconference configuration; including postering, populating swag bags, and herding attendees who were gathering at a null route.

5.5 linux.conf.au

Volunteer

2018~2018

Sydney, NSW, AU

I attended the Real World Functional Programming miniconf. Functions I implemented included (directional) pointing, (order) picking, (box) packing, and (navigational) postering; I also flashed (cards at) the speakers during their presentations on campus.

I'm the sunnies in the group photo: ift.tt/2n9irVy

6 Work Experience

6.1 Salmat Letterbox Delivery Services

Letterbox Delivery Contractor

2003~2003

Cessnock, NSW, AU

Delivered pamphlets to the letterboxes of 323 homes, biweekly.

6.2 Stuart Dickson Produce Pty Ltd

Packer

2004~2006

Sydney, NSW, AU

Loaded fruit, and vegetable, boxes onto pallets. Then wheeled them out to the loading bay, for the forkies to load onto the delivery trucks.

6.3 Govindas Catering

Caterer

2000~2013

All-over, NSW, AU

Catering at music festivals; pack truck, stall setup, cooking, serving food, customer service, cleaning, pack stall, unpack truck.

7 References

7.1 Hare Krishna Farming & Catering

Name : *Christopher Hawkins*
Title : *Temple President*
Phone : *(02)49981800*
Email : *newgokula@gmail.com*
Website: *newgokula.com*

7.2 CPT331: Programming Project

Name : *Ian Peake*
Title : *Project Sponsor*
Phone : *+61-415-0457300*
Email : *ian.peake@rmit.edu.au*
Website: *cs.rmit.edu.au/~ipeake*

A major project I worked on for my B.IT degree; for which we scored 95%.

GitHub repo : git.io/vFR5r

arXiv paper : arxiv.org/abs/1711.05997

YouTube demo: youtu.be/om3L9AzNC-M

8 Blackmail

If you don't give me your money, then I won't do any work for you.