

DENNIS WOLLERSHEIM

I want use my leadership and systems engineering skills to facilitate public health.



EMPLOYMENT

Present
|
2020

Senior Public Health Officer

Melbourne

📍 Department of Health

- Developed systems (using R, SQL, Excel, Bash, Azure) that automated the tasks of three departed staff.
- Setup cross departmental collaboration with CVDL, HPB and aged care. Setup five linkage data teams channels to facilitate communication and automated data sharing.
- Setup a 14 member R User's group, and promoted best practice R coding and version control across multiple teams - as a result, 15 people came to my most recent R training session

Present
|
2001

Public Health Researcher

Bundoora

📍 La Trobe University

- Collaborate with teams from Public Health, Health Information Management, Health Administration, Physiotherapy and Computer Science
- Worked with billion record health datasets, Australia wide mesh block level GIS data, Azure and local La Trobe computer clusters, Postgres and Mysql databases, Drupal content management system, Redcap surveys and machine learning
- Fifty four publications, 845 Citations, with an h-index of 15.⁷

2020
|
2002

Health Information Management Lecturer

Bundoora

📍 La Trobe University

- Designed and implemented courses in data modelling, systems analysis, Tableau, R, SQL, artificial intelligence, systems analysis, Perl. Sample course materials²
- Course and subject design, thesis supervision, administrative process redesign³
- Used massive health datasets for assignments to generate unique per-student tasks, facilitating collaboration and peer learning

CONTACT

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🐙 [dewoller](https://github.com/dewoller)

in [dennis-wollersheim](https://www.linkedin.com/in/dennis-wollersheim)

I have been a successful public health researcher, academic lecturer, software engineer and data scientist.

View this CV online with links at <https://dewoller.github.io/cv/cv.html>

Made with the R package [pagedown](#).

The source code is available [on github.com/dewoller/cv](https://github.com/dewoller/cv).

Last updated on 2021-05-17.

2001
|
1999



Entrepreneur

Melbourne

📍 Dot com startup

- Designed and implemented the first Melbourne web based real estate visit mapping tool, and car sales price comparison websites



EDUCATION

2005
|
2001



Phd (Computer Science)

Bundoora

📍 La Trobe University

- Thesis topic: Dynamic Query Expansion for Information Retrieval of Imprecise Medical Queries
- Created a 'Google for doctors', using natural language processing and the 1.2 million term Unified Medical Language System to enhance medical information retrieval

1996
|
1994



Bachelor of Social Work

Bundoora

📍 La Trobe University

- As a social worker, I led behaviour change groups for violent men and play groups with at-risk children

1985
|
1981



BSc (Computer Science)

Lethbridge, AB, Canada

📍 University of Lethbridge

- Created a graphics tablet based electronic ruler to facilitate data entry of 8 measurements of 300 poplar leaves



PERSONAL EXPERIENCE

Present
|
1996



Peer Counselling Teacher

Melbourne

- Active member of a grass roots peer leadership training network
- Led 30 person multi day workshops, and weekly and monthly groups of multi-year duration.

Present
|
2015



Committee Secretary

Brunswick East

📍 The Bicycle Recycle Shed

- Improved the volunteer induction experience, leading to a 10x growth in new volunteer signups.

My combination of social and technical skills is unique and functional.

2011
|
2009



Board Secretary

Springvale



South East Community Links (SECL)

- I was co-opted to the board to advise on the transition to digital record keeping. SECL has a budget of over \$4million / year.



LINKS

- 1: <https://scholars.latrobe.edu.au/dewollershei/publications>
- 2: https://dewoller.github.io/health_informatics_3_r_tutorial/index.html
- 3: https://dewoller.shinyapps.io/tablulate_column_o_grades/