DENNIS WOLLERSHEIM

I want use my leadership and systems engineering skills to improve the health of Victorians.

💼 EMPLOYMENT

Senior Public Health Officer
Present | 2020

Melbourne   📍 Department of Health

- Developed data pipelines (using R, SQL, Excel, Bash, Azure) that automated the tasks of three departed staff.
- Setup cross departmental collaboration with Center for Victorian Data Linkage and Health Protection Branch. Setup five linkage data teams channels to facilitate communication and automate data sharing.
- Started a 14 member R User's group, promoting best practice across multiple teams

Public Health Researcher
Present | 2001

Bundoora   📍 La Trobe University

- Collaborate with teams from Public Health, Health Information Management, Health Administration, Counselling Psychology, Physiotherapy and Computer Science
- Worked with billion record health datasets, Australia wide meshblock level GIS data, Azure and local La Trobe computer clusters, Postgres and Mysql databases, Drupal content management system, Redcap surveys and various machine learning paradigms
- Fifty five publications, 845 Citations, with an h-index of 15.[1]

Health Information Management Lecturer
2020 | 2002

Bundoora   📍 La Trobe University

- Designed and taught courses in data modelling, systems analysis, Tableau, R, SQL, artificial intelligence, systems analysis, Perl, Access, Excel. Sample course materials[2]
- Course and subject design, thesis supervision, administrative process redesign[3]
- Generated per-student unique assignments based on subsections of massive health datasets, facilitating collaboration and peer learning

Computer Consultant
1991 | 1987

Victoria, British Columbia, Canada   📍 Crawford Consulting

- Systems analysis, computer consulting and Foxpro database design for a range of provincial and municipal government clients. Implemented data driven systems that were used for over five years
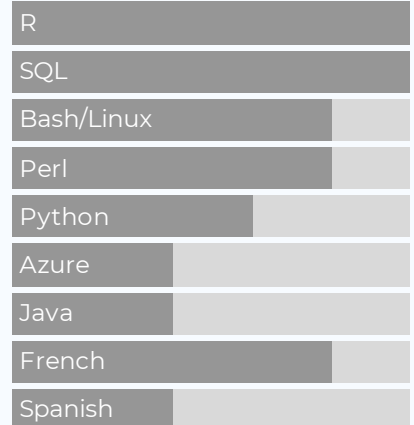
CONTACT

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- 🐙 dewoller
- 💼 dennis-wollersheim

LANGUAGE SKILLS

Skill	
R	
SQL	
Bash/Linux	
Perl	
Python	
Azure	
Java	
French	
Spanish	

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

🎓 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

BASc (Computer Science)
Lethbridge, AB, Canada

📍 University of Lethbridge

- Created a graphics tablet based electronic ruler to facilitate data entry of 2400 poplar leaf measurements

🖥 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 pipeline, leading to a 10x growth in new volunteer signups.

2011
|
2009

Board Secretary
Springvale

📍 South East Community Links (SECL)

- Co-opted to the board to advise on the transition to digital records. 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/

My combination of social and technical skills is unique and functional, especially in the health context.