DENNIS WOLLERSHEIM

Currently searching for a position that allows me to leverage a combination of visualization, machine learning, and software engineering to help people explore and understand their data in new and useful ways.

🎓 EDUCATION

Phd (Computer Science)

2005 | 2001

Bundoora   📍 La Trobe University

- Thesis topic: Dynamic Query Expansion for Information Retrieval of Imprecise Medical Queries
- Created a 'Google for doctors', using NLP and the 1.2 million term UMLS vocabulary to enhance medical information retrieval

Bachelor of Social Work

1996 | 1994

Bundoora   📍 La Trobe University

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

BSc (Computer Science)

1985 | 1981

Lethbridge, AB, Canada   📍 University of Lethbridge

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

🖥 TEACHING EXPERIENCE

Lecturer

current | 2002

Bundoora   📍 La Trobe University

- Taught data modelling, Tableau, R, SQL, artificial intelligence, systems analysis, Perl.
- Course and subject design, thesis supervision, administrative process redesign. An example of the latter is a web service to help academics perform a common administrative task[7]
- Innovations include giving each students individual unique assignments to facilitate collaboration and peer learning, and provided access to massive health datasets for realistic student tasks.
- In the most recent online instance teaching SQL, Tableau and R to public health students, I received student evaluation score of 4.2/5
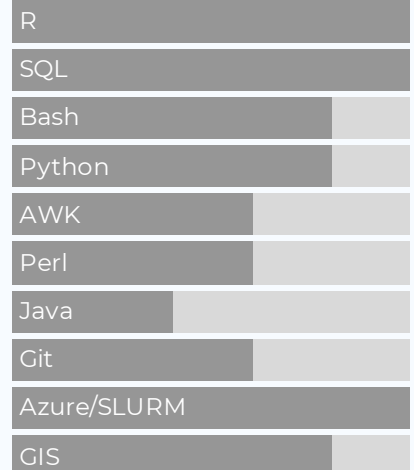
View this CV online with links at

CONTACT

✉ dewoller@gmail.com

🐦 dewoller

🐙 dewoller

in dennis-wollersheim

LANGUAGE SKILLS

Skill	
R	
SQL	
Bash	
Python	
AWK	
Perl	
Java	
Git	
Azure/SLURM	
GIS	

I am passionate about education. I believe that no topic is too complex if the teacher is empathetic and willing to think about new methods of approaching task.

⌨ RESEARCH EXPERIENCE

current | 2001

Research
Bundoora   📍 La Trobe University

- Published with teams from Public Health, Health Administration, Physiotherapy and Computer Science
- Worked with billion record health datasets, Australia wide mesh block level GIS data, Azure and local La Trobe SLURM clusters, Postgres and Mysql databases, Drupal CMS, Redcap surveys, artificial intelligence, deep learning

2001 | 1999

Entrepreneur
Melbourne   📍 Dot com startup

- Developed and implemented the first Melbourne web based real estate visit mapping tool, and detailed used car sales price comparison, by scraping existing web resources

I have worked in a variety of roles ranging from teacher to software engineer to data scientist. I like collaborative environments where I can have productive interactions and expand my knowledge of the uses of data.

🖥 PERSONAL EXPERIENCE

current | 1996

Peer Counselling Teacher
Melbourne

- I am an active member (4-6 hours/week) of a worldwide network of community based peer counsellors, aimed at leadership development.
- I have led 30 person multi day workshops, and led groups that meet weekly and monthly of multi-year duration.

current | 2015

Committee Secretary
Brunswick East   📍 The Bicycle Recycle Shed

- Improved the volunteer induction experience, leading to 1000% growth in new volunteer signups.
- Instrumental in getting our first grant in the organisation's history, allowing hire of first employee.

2011 | 2009

Board Secretary
Springvale   📍 South East Community Links (SECL)

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

🔗 LINKS

1: https://dewoller.shinyapps.io/tablulate_column_o_grades/