

# James Wilmot

Canberra ACT

## PROJECTS

### **opendata.fit**

JUN 2016–  
*current*

Architected and implemented opendata.fit, a web-based data analysis and publication platform focused on improving reproducibility in research and supporting FAIR data principles.

Implemented a novel approach to data portability and metadata management using and extending the Frictionless data standard.

A project at UNSW Sydney and funded as part of the Australian Characterisation Commons at Scale project.

*PI*: Professor Pall Thordarson

### **Remediation Australasia website**

AUG 2017–  
DEC 2017

Collaborated with Biotext designers and editors to design and then implement a Drupal 8 website reflecting the print publication's style and information architecture.

URL: [remediationaustralasia.com.au](http://remediationaustralasia.com.au)

### **Australian manual of style website**

NOV 2019–  
FEB 2021

Worked with Biotext to renovate an existing Drupal 7 website—their Australian manual of style product—as part of a rebranding.

Completely revamped styling to reflect Biotext's style guide and attention to detail.

URL: [stylemanual.com.au](http://stylemanual.com.au)

### **SEL4 microkernel**

NOV 2011–  
FEB 2013

Implemented fastpath inter-process communication for small messages in the SEL4 microkernel.

## COMMUNITY

### **Canberra Makerspace**

OCT 2021–  
*current*

Executive committee member responsible for revitalising the makerspace community after the COVID-19 pandemic. Responsible for grant writing, managing finances and developing a new membership model as well as running events to welcome new members.

### **The Lab Dee Why** Mentor

JUN 2014–  
DEC 2016

Mentored young people with autism spectrum disorders with an interest in technology.

### **SES Randwick Unit** Rescue volunteer

MAR 2013–  
DEC 2014

Trained and served in the community as a rescue volunteer in the NSW State Emergency Service.

### **Primary Ethics** Volunteer ethics teacher

MAR 2012–  
JUN 2014

Facilitated ethical discussions as an alternative to Special Religious Education in a NSW public school.

## EDUCATION

Bachelor of Science (Physics) UNSW

Last updated: September 13, 2022