

James Wilmot

Canberra ACT

PROJECTS

opendata.fit

JUN 2016–
current

opendata.fit is 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.

Built with Ember.js, Python and served on AWS.

PI: Professor Pall Thordarson

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.

Canberra makerspace is a community run space in Giralang providing a multi-use workshop and meeting place for makers, artists and hackers.

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

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

SEL4 microkernel

NOV 2011–
FEB 2013

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

COMMUNITY

Y's Buys Belconnen Volunteer shop attendant

AUG 2018–
MAR 2020

Op Shop operated by YMCA of Canberra raising funds to support community access and inclusion to YMCA services.

The Lab Dee Why Mentor

JUN 2014–
DEC 2016

The Lab is a technology club for young people with autism spectrum disorders.

SES Randwick Unit Rescue volunteer

MAR 2013–
DEC 2014

Volunteers provide assistance in natural disasters, rescues, road crashes and extreme weather.

Primary Ethics Volunteer ethics teacher

MAR 2012–
JUN 2014

Primary Ethics provides young people with the space to explore ethical dilemmas within a secular context.

EDUCATION

Bachelor of Science (Physics) UNSW