James Wilmot

Canberra ACT

PROFESSIONAL HISTORY

UNSW Sydney   Research software engineer

Architected and implemented opendata.fit platform as part of a team, 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.

PI: Prof. Pall Thordarson

JUN 2016–
current
Remote

ACCESS-NRI   Research software engineer

The Australian Earth-System Simulator (ACCESS-NRI) is a national research Infrastructure created to support development and research with the Australian Community Climate and Earth System Simulator (ACCESS) modelling system framework.

JAN 2023–
current
Canberra ACT

MTP Services   Webapp developer

Upgrade of Plant Health Australia's AusPestCheck biosecurity webapp. Added data visualisation with amCharts.

JUN 2018–
JAN 2019
Canberra ACT

Biotext   Web developer

Collaborated with in-house designers and editors to design and build remediationaustralasia.com.au reflecting the print publication's style and information architecture.

JULY 2017–
JAN 2018
Canberra ACT

Publicis Front Foot   Senior developer

Senior Developer on gc2018.com for the Gold Coast Commonwealth Games.

Lead team of 5 developers, release management using gitflow, liasing with stakeholders.

SEP 2015–
MAR 2016
Sydney NSW

This Little Duck   Web developer

Worked on newsroom.unsw.edu.au & artdesign.unsw.edu.au

Drupal, PHP, jQuery, javascript, HTML5, CSS3, SASS, Susy2, semantic markup, responsive websites, git, gitflow

SEP 2014–
MAR 2015
Sydney NSW

MISCELLANEOUS

Canberra Makerspace

Executive committee member part of a team 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.

OCT 2021–
current
Canberra ACT

The Lab Dee Why   Mentor

Mentored children and young people who identify as being on the autism spectrum with an interest in technology.

JUN 2014–
DEC 2016
Sydney NSW

SES Randwick Unit   Rescue volunteer

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

MAR 2012–
JUN 2014
Sydney NSW

EDUCATION

Bachelor of Science (Physics) UNSW