

# David James Beitey

Development & Operations (DevOps)

## Contact

**Email**

david@davidjb.com

**Phone**

+61 439 541 965

**Website**

<http://davidjb.com>

## About

David is an experienced web developer and project manager, specialising in open source and customised applications. With a client-drive focus, David applies specialised knowledge of web technologies and security protocols to his development practices. He is passionate about open source software development, Linux and Python programming, though his skills extend to numerous other aspects of technology. David contributes back to the community with open-source software, as well fostering local interest in programming and IT.

## Profiles

**GitHub**

[davidjb](#)

**Twitter**

[davidjb\\_](#)

## Work

**James Cook University** 2007-07-01 —

**Online Technologies Developer** <http://www.jcu.edu.au>

Web application and system administration (DevOps role).

### Highlights

- Lead developer of numerous University online projects (jcu.me, Research@JCU, JCU Journals)
- Project manager and developer of eSpaces.edu.au
- System administrator for research systems
- Technical operations for eResearch Centre
- Open source development

## Volunteer


**PyNQ** 2013-10-01 —

**Founder** <http://pynq.org/>


Local Python programming user and interest group, hosted in North Queensland.

## Education

**James Cook University** 2008-01-01 — 2008-12-31

 **Information Technology**  
Honours

**James Cook University** 2005-01-01 — 2007-12-31

 **Information Technology**  
Bachelors

# Awards

## Staff Excellence Award

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by James Cook University

Awarded 2013-12-01

Awarded for lead development of the JCU Research Portfolio ([jcu.me](http://jcu.me)), an interactive web profile for all researchers at the University.

# Skills

## Web Development

- HTML
- CSS
- JavaScript
- Python frameworks (Pyramid)
- Content Management Systems (CMS; Plone)

## Programming

- Python
- Documentation & frameworks (Sphinx)
- Open source development
- Version control & management

## System Administration

- Linux (RedHat, Debian, Ubuntu)
- Server configuration
- Automated systems management
- Web server (Nginx, Apache)

## Deployment

- Configuration management (Vagrant, SaltStack)
- Web application hosting
- Cloud hosting (Amazon AWS, OpenStack)

## Security

- Web security
- Shibboleth (SSO)
- Server configuration
- Testing and analysis

## Languages

English

Native speaker

## Interests

### Technology

- Open source
- Web development
- Python
- Innovation & startups
- Automation
- Security

### Home & Garden

- Roses
- Fruiting trees & plants
- Cooking

## References

Reference coming soon.

— **Professor Ian Atkinson**

Reference coming soon.

