

JASON THORNE FULL STACK DEVELOPER

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📺 Video

EXPERIENCE

Teaching Materials and Assessment

NSW Educatoin

📅 August 2020 – current

📍 Parramatta, Australia

- Rewrote Edumap Django backend with tests and database in a week 15,000 lines of code
- Rewrote Uppley Django backend 18,000 lines of code
- Set up Jenkins Test+Deploy taking fraction of time compared to original CircleCI setup
- Team of two Python Devs, two React Devs, tech lead, project manager and teachers
- Wrote Django asynchronous cron scheduler and task queue
- Wrote Django event log for analytics/reporting and debugging
- Reviewed the python code for project

PoS and CMS for International Tourism

INTRO Travel

📅 March 2016 – current

📍 Sydney, Australia

- Backend written in Python using Django framework with over 100,000 lines of python code
- The customer facing website is <https://www.introtravel.com/>. The Jenkins server is <https://deploytest.introtravel.com/>.
- Point of sale system for complex bookings of international tours with payments received in seven currencies.
- Separate content management app and website for sales. AWS S3 CloudFront for media. Communicates/synchronises with point of sale system via REST API
- Syndication agents' servers get tour dates and make and cancel bookings
- Jenkins/Ansible Continuous Integration backend and frontend selenium testing.

Consulting

MagicLAMP Django Websites

📅 June 2012 – March 2016

📍 Sydney, Australia

- Educational Safetytown for traffic safety
- Scrape property information from real estate websites

EMPLOYMENT HISTORY

Employment

📅 Ongoing

📍 NSW Education

2020-2021	NSW Education
2016-2020	INTRO Travel
2012-2016	MagicLAMP Website Consulting
2010-2012	The University of NSW
2008-2010	Queensland University of Technology
2004-2008	The University of Sydney
1999-2004	Charles Sturt University
1996-2000	The University of Adelaide
1989-1996	The University of South Australia
1985-1989	Parafield Gardens Community Club

PROGRAMMING

Python 2.7-3.9, Django 1.3-3.1

Wagtail

REST API

Javascript, Vue

Git, Mercurial, SVN, CVS

Rackspace, AWS, Digital Ocean

Mysql, Postgres

Python TestCase, Selenium

Jenkins, Ansible, Saltstack

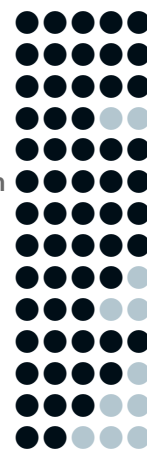
AWS S3 Cloudfront EC2

Linux/Unix/Minix/Solaris

Vagrant, Docker

Tailwind, Bootstrap

C, C++, SWIG



ABILITIES, CONCEPTS

Authentication/Authorization

DevOps

Localization

Team Work

Mentor/Instructor

Computer Vision

Linear Algebra

Differential Equations

EDUCATION

BSc Hons Computer Science/Applied Mathematics

University of Adelaide

📅 Jan 1994 – Dec 1998 📍 Adelaide, Australia

Supervisors: Prof Peter Taylor and Prof Nigel Bean

- Matrix Analytic Methods
- Level Dependent Quasi Birth Death Processes
- Computer Vision

SOFT SKILLS

Project Management

Programming Team Management

Quick Touch Typing

Organisation

Multi Tasking

LANGUAGES

English

Cantonese, *Learning*



REFERENCES

- Several available upon request.