

# JASON THORNE PYTHON DJANGO

@ E-mail: [jthorne@magiclamp.com.au](mailto:jthorne@magiclamp.com.au)

Phone: 0401 717 626

in [linkedin.com/in/jason-thorne-1ab4552b](https://www.linkedin.com/in/jason-thorne-1ab4552b)

Video

## EXPERIENCE

### Pedagogy

#### NSW Educatoin

August 2020 – June 2021

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
- Asynchronous cron scheduler and task queue
- Event log application for analytics/reporting and debugging
- Code review,

### 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://deployntest.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

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, numpy, scipy



## ABILITIES, CONCEPTS

Authentication/Authorization

DevOps

Localization

Agile

Mentor/Instructor

Resource Optimization

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

Quick Touch Typing

Organisation

Multi Tasking

## LANGUAGES

English

Cantonese, *Learning*



## REFERENCES

- Several available upon request.