

# JASON THORNE FULL STACK DEVELOPER

🏠 1969

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## EXPERIENCE

Point of Sale and Content Management System 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 via REST API using different authentication methods (Token based, bespoke)
- Set up Continuous Integration using Jenkins server to run tests and automatically deploy using Ansible.
- The team consists of myself, a business manager, two front end programmers and a graphics designer. I manage computer technologies.
- Asynchronous processing using Redis server/Celery. Separate bespoke batch processing.

### Consulting

#### MagicLAMP Django Websites

📅 June 2012 – March 2016

📍 Sydney, Australia

- All projects below are in python unless otherwise stated. Over 10 years experience programming in Python
- Member of Kimberlin team working on Safetytown educational website for traffic safety
- Scrape property information from real estate websites to analyse historical data.
- iOS Application and Website [https://youtu.be/\\_6P1HMqTWlQ](https://youtu.be/_6P1HMqTWlQ) to upload mood data for the Center of Eating and Dietary Disorders
- Liveability application to allow public to upload urban environment information

## EMPLOYMENT HISTORY

### Employment

📅 Ongoing

📍 INTRO Travel

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
1987-1988	Ricardo Cycles

## PROGRAMMING

Python 2.7-3.6, Django 1.3-2.2

Wagtail

REST API

Javascript, Vue

Git, Mercurial, SVN, CVS

Rackspace, AWS

Mysql, Postgres

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.