

JOANNE PULCINA

PROFILE

I am passionate about technology and would love to find a role that allows me to utilize software advances to drive positive change in business. I am adept at learning new skills autonomously and I am confident that I could learn any of the skills necessary to be successful in my future role. I'm currently completing a graduate certificate at UTS in Data Science and Innovation so that I can learn more about machine learning algorithms and big data. I have also taken a number of online short courses in web development. For the past few years, I've been working as a biomedical engineer at ESL Biosciences. In this role, I have honed my problem solving and communication skills. I am excited to continue to developing these skills whilst working alongside similarly passionate individuals.

CONTACT

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EDUCATION

Graduate Certificate in Data Science and Innovation

THE UNIVERSITY OF TECHNOLOGY SYDNEY

2022

Topics covered include:

- Key machine learning algorithms and their application
- SQL
- R
- Python
- Collaboration using version control with Git
- Working with UNIX systems and Docker container
- Introduction to big data engineering concepts including:
 - Processing a dataset on a Datalake using Snowflake
 - Processing datasets with Spark
 - Building data pipelines with Airflow

Masters of Engineering (Biomedical)

THE UNIVERSITY OF MELBOURNE

2012 - 2014

Bachelor of Science - Bioengineering Systems

THE UNIVERSITY OF MELBOURNE

2009 - 2011

WORK EXPERIENCE

ESL Biosciences - Technical Service Specialist (Biomedical Engineer)

June 2015 - Present

ESL Biosciences supplies a range of specialized automated in vitro diagnostic instruments, software and test kits to pathology laboratories across Australia and New Zealand. I am the sole Technical Service Specialist for Australia and work with a team performing the following:

- Ensuring all instrumentation and application issues reported by customers are resolved.
- Organise installations and training of new equipment.
- Ensure maintenance of equipment is carried out.
- Advising customers on the use of our automated instrumentation and software to improve efficiency and quality control in the laboratory.
- Giving presentations and carrying out demonstrations or evaluations of our instrumentation to key opinion leaders in the laboratory.
- Contributing to the submission of documentation for state wide tenders
- Logging issues in CRM
- Utilization of Microsoft Office software required for reporting (Outlook, Excel, Word, PowerPoint).

CERTIFICATIONS

The Ultimate MySQL Bootcamp

UDEMY

20.5 video training hours plus assignments - 2021

Topics covered: SQL syntax, run queries in MySQL, build web app with MySQL and NodeJS.

React the Complete guide

UDEMY

18 video training hours plus assignments - 2021

Topics covered: ES6, JSX, Stateless and Stateful components

The Web Developer Bootcamp

UDEMY

63 video training hours plus assignments - 2020

Topics covered: HTML5, CSS3, Javascript, Bootstrap, NodeJS, MongoDB, ExpressJS, NPM, REST

Android Basics Nanodegree Program

UDACITY

3 months - 2019

Topics covered: developing user interface with xml, using java to develop multipage apps that accept user input, connecting apps to Web API.

To see some samples of my work please go to:

www.joannepulcina.com