

# James Christie

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## Experience

### Consultant / Professional Services

ActiveViam

July 2019 - Current

- Implementing ActivePivot, an in-memory OLAP server developed in Java, at a major Asset Manager in Munich
- Upgraded Excel Plugin (C#) as well as proposed and prototyped a new architecture, delivering my analysis to the team for future action
- Maintained custom License Management software, proposed and developed a redesign

### Genomics Research

University of Exeter / University of Queensland

June 2018 - May 2019

- Created tool to extract data from wrist worn accelerometers with C++, analysed data using Python to find "Sleep-onset Latency", carried out research with UK Biobank to test for genetic association
- Created & Managed GitHub organization for UoE, contributed to UQ's research account
- Awarded full UQ scholarship for PhD

### Vice President

Muay Thai Society

September 2017 - August 2018

- Increased sign ups by more than 100%
- Rebranded society, set up marketing plan
- Planned and coached training sessions
- Organised the manufacture of custom training equipment from Pakistan
- Ensured growth after our departure; now the largest Muay Thai Uni Society in the UK

### Web Developer

Disigi

June 2016 - July 2017

- Setup NGINX as reverse proxy
- Served Django application to reverse proxy using Gunicorn
- Implemented proprietary multi-objective optimisation algorithm
- Attended investment events on behalf of founders

## Projects

### BePortrayed

- Aimed to connect consumers in search of bespoke artwork with real artists
- ExHack 2017 winning best elevator pitch and best domain
- Developed in Django
- Firmware written in Lua, accessed via a web server hosted on the ESP8266

### UK House Price Visualisation

- Interactive web app showing the change in house prices across the UK from 1995 to present
- Python (pandas and numpy) for data parsing and leafletJS + CSS SVG filters for visualisation

### IoT Light Switch

- Created switch using a relay, ESP8266 microcontroller & a two-way light switch

## Skills

- Python (Django [DRF], Numpy, Pandas)
- Java
- C/C++ (Arduino)
- Linux/Unix
- RESTful Design
- AWS/GCP
- Data Analysis
- Git
- Agile (Scrum, Kanban)

## Education

BSc Computer Science (hons) - The University of Exeter

September 2015 - July 2018

- Attained Upper Second-Class Honours
- Achieved 78% in dissertation titled "Using Ant Colony Optimisation to explore epistatic interactions associated with Type 2 Diabetes".

## Hobbies & Interests

- Electronics / Embedded Devices
- Muay Thai (Thai Kickboxing)
- Travelling
- Specialty Coffee
- Statistics & Data Visualization