DARREN FONG ZHENG WAI

BSc in Artifical Intelligence & Computer Science

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in linkedin.com/in/darren-fong-zw

EDUCATION

University of Birmingham
B.Sc in Artificial Intelligence & Computer Science
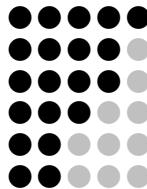
📅 September 2016 – May 2019   📍 Birmingham, UK

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Singapore Polytechnic
Diploma in Information Technology

📅 June 2011 – May 2013   📍 Singapore

SKILLS

Java, SQL, Linux,
C\C++, Python, RestAPI, JavaScript, Nodejs
Expressjs, Vuejs, AWS,
LATEX, Docker, Auth0, Nginx, Computer Vision
Machine Learning, Artificial Intelligence
numpy, Rust, ReactJS

EXPERIENCE

User Acceptance Tester
Great Eastern Insurance

📅 May 2018 – June 2018   📍 Singapore

- Exposed me to Unified Functional Testing(UFT) tool by HP

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Student Teacher
Saturday Kids

📅 October 2019 – Present   📍 Singapore

- Taught six to twelve year old's how to code in SCRATCH
- Experienced in presentation skills and
- Skilled in managing expectations

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Freelance Work

📅 September 2019 – Present

PERSONAL

- I like to new things and experiences. Challenging problems keep me focused and engaged.
- I am not afraid of hard and difficult work as an amateur powerlifter, I am constantly working to better myself with a mind over body approach to push the limits of my body.

PROJECTS

Whitematters

- A bidding website for funeral parlours to bid on prospective clients. Built using Wordpress, Vue.js and hosted using Nginx, MySQL and Express.js on an AWS instance with authentication done using Auth0. This website was more a test bed for me to experiment with new technologies and frameworks than a job for pay.

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Automated detection of major components in the Human Eye

- This was my final year project. A software that finds and maps 3 major sections of the human eye namely the fovea, macula and the blood vessels. This was written in MATLAB.

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Carousel(Game)

- A simple game written in JAVA. The game consists of two players over a network completing to score more points by 'shooting' discs into a goal zone. Carousel won third place in a school-wide competition run by IBM.
- 'Of all the games I have seen - this was the one I really wanted to play' – Mark Farmer, IBM

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House price prediction using Machine Learning

- A Python - NumPy project that used housing data from Los Angeles county to predict house prices based on characteristics like location, no. of rooms, size, distance from the sea, etc.