

Wesley Tsang

It is my ambition to be at the forefront of a new generation of innovators, a pioneer who will push the limit of digital possibilities to a whole new level.

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wesleytsang.me

Education

King's College London - MSci Computer Science

Sep 2015 - Present

- Expected First Class Honors, current average above 70%

St John's College Portsmouth - A-Levels

Sep 2009 - Jun 2015

- Mathematics (A*), Further Mathematics (A), Chinese (A)

Udacity - Computer Vision, Deep Learning Foundation, Full-Stack Web Development Nanodegree

Work Experience

AdmanGo - Full-stack Intern

Jun - Jul 2018

- Played an important role in developing new functions on the company's advertisement monitoring product used for marketing purposes
- Built functions to detect, analyse and visualise advertisement data from different social media.
- Reviewed existing codes in Python, C# and JS, and made enhancements to improve memory usage, code structure and readability
- Gained experience in web development under Google Cloud environment

China Galaxy International Securities (HK) Co. Ltd. - Software Engineer Intern

Jun - Aug 2017

- Developed in-house software for different departments to support their daily operations
 - Communicated with different non-technical people and understand their needs and expertise
 - Developed an automated data grabbing and alerting system using Java that is used daily and used Object Relational Mapping to maintain the data and database
 - Gained experience in building local Git server and used C# and ASP .NET to update the existing website
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Relevant Experience

Computer-Aided Imaging Diagnosis

Oct 2017 - Jun 2018

- Worked with researchers from the medical field who hypothesized that acid reflux can be observed in endoscopy under a certain condition
- Applied deep-learning techniques to build a Convolutional Neural Network (CNN) to classify diseases from endoscopy videos
- This included collecting data, pre-processing video data, training, testing and evaluate the CNN
- Successfully classified diseases with up to 90% accuracy which gave the researchers a strong support on their hypothesis

Polylingual

Mar - Apr 2017

- Created an E-Learning platform for the Modern Language Centre at King's College London which aims to provide students a convenient way to practise and support their learning
 - Worked in a team of 7 where I led the back-end team
 - Applied PHP for login system, linked database to front-end, created responsive UI designs and conducted unit testing
 - Was selected to join the competition for the best project of the year
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Skills

- Java, C++, Python, Scala, Prolog
- HTML, CSS, JavaScript, PHP, KnockoutJS, AngularJS, NodeJS, BackboneJS
- MySQL, MS SQL, PostgreSQL, SQLite
- Git, UNIX / Linux Server, Vagrant
- AI, Machine Learning, Computer Vision, TensorFlow, MATLAB, Conda, Jupyter
- English(Fluent), Cantonese(Fluent), Mandarin(Fluent), Japanese(Basic)