

JustinYang

Third Year Undergraduate Student

links

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languages

Native English
Fluent Chinese
Mandarin

programming

Java
Python
C
SQL

education

- since Sep 2016 **BSc Computer Science and Mathematics** University of St Andrews
Current modules: Mathematics, Computer Science
First year modules: Mathematics, Computer Science, Economics
- 2010-2016 **High School Degree** Williamwood High School
Advanced Highers: Maths (A), Physics (B)
Highers: Maths (A), English (A), Computer Science (A), Physics (A), Chemistry (A), Chinese Language (Mandarin) (A)

experience

- Jun-Aug 2018 **University of St Andrews School of Computer Science** Internship
Built data analysis software for a research team at the University of St Andrews School of Medicine as part of their research towards antibiotic resistance.
Mainly developed the back-end part of the system using Python. This involved reading data from their research device using, putting the data into a data-frame and building an application programming interface (API) so that other applications can use this API
- Jun 2018 - Now **Tanon Thai, St Andrews** Waiter/Bar staff
Waited tables as well as working at the bar.
Trained new staff so that they are familiar with the job
- May 2018 - Now **St Andrews Malaysian International Group** Vice President
As vice president I organised events for the society and I was responsible for negotiating partnerships with potential sponsors.
- Mar 2018 - Now **University of St Andrews Table Tennis Club** President & Club Captain
As president I was responsible for the activities of the club including training sessions, social nights and organising transport to play competitive matches across the Scotland.
As club captain, I was responsible for team selection to represent the university as well as undertaking a coaching role, training members of the club to improve their table tennis skill.
- Jun-Aug 2016 **Emax Systems, Glasgow** Internship
Worked with Visual Basic and SQL Server.
Working with developers to co-develop software to fix issues.
General customer support for phone enquiries related to database and company built software.
- Aug 2014 **TÜV NEL, East Kilbride** Work Placement
Worked with Visual Basic to develop software to quickly calculate equations such as the Bernoulli Equation.

Sep 2013 - Mar 2016 **Oxfam Clarkston, Glasgow**

Volunteer

Over 400 hours of experience working at Oxfam.

Inventory control for book shelves, responsible for sorting donated books, organising different shelves and maintaining a tidy and safe environment

projects

Dec 2016 **British Heart Foundation Code for Good Project** JP Morgan Code for Good
Created a platform for British Heart Foundation (BHF) which included an Android app, database as well as a web platform to manage items donated to BHF.

I was the project team leader, worked on all aspects of the project including the structural design of the platform, the overall user interface and delivering the final presentation to a panel of judges

Oct 2016 **Hack The Image**

St Andrews Hack the Bubble

Created an application which would let users take photos or use photos from a gallery and allows users write a message which would be encrypted into the image. This is called steganography.

I was responsible for the front end (GUI) of the application which I created using Java.

awards

Dec 2016 **Code For Good Winner**

JP Morgan Code for Good

Received first place prize in the JP Morgan Code for Good challenge.

Nov 2016 **200 Hour Saltire Award**

Scottish Government

Award for volunteering over 200 hours at a Non-Governmental Organisation

May 2017 **Duke of Edinburgh Gold Award**

The Duke of Edinburgh Committee

Obtained the Gold Award for the Duke of Edinburgh challenge.

Oct 2013 **United Kingdom Coaching Certificate Level 1**

UK Coaching

Obtained a level 1 coaching degree from UK Coaching

interests

1. Table Tennis

- Represented East Kilbride Table Tennis Club, West Of Scotland and University of St Andrews at various table tennis competitions
- I also served as the East Kilbride Table Tennis Club captain between 2014 and 2016
- I have coached players from the University of St Andrews second team as well as younger players at East Kilbride Table Tennis Club

2. Badminton

- Represented Williamwood High School Badminton Club and Greenbank Parish Church Badminton Club at various district competitions

References available upon request.