

# JustinYang

Second Year Undergraduate Student

## links

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## languages

Native English  
Fluent Chinese  
Mandarin

## programming

Java  
Python  
C  
JS - Node, jQuery  
SQL  
HTML & CSS

## 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 - **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
- Jun 2018 - **British Heart Foundation, St Andrews** Volunteer  
Worked on the till as well as maintaining stock of children's, fiction and non-fiction books
- Jun 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 **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
- As of March 2018, I have been voted in as the President of the University of St Andrews Table Tennis Club as well as Men's captain for season 2018-2019.

### 2. Badminton

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

### 3. General Interests

- Current Affairs
- New Technology
- Technology Journalism

**References available upon request.**