

Justin Yang

Third Year Undergraduate Student

links

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languages

Native English
Fluent Chinese
Mandarin

programming

Java
Python
C#
Javascript (AngularJS)

education

2016-2020 **BSc Computer Science and Mathematics**

University of St Andrews

Current modules: Mathematics, Computer Science

First year modules: Mathematics, Computer Science, Economics

Second year modules: Linear Mathematics, Combinatorics and Probabilities, Computer Systems, Abstract Algebra, Statistical Inference, Data Structures and Algorithms

Third year: Data Encoding, Human Component Interaction, Databases, Computational Complexity, Artificial Intelligence, Component Technology
Expected Grade: 2:1

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

Sep 2019 - Now **Adimo**

Remote Developer

Working on a Chrome extension to integrate a retailer with Adimo technology.

Jun-Aug 2019 **Adimo**

Internship

Built an analytics platform using Elasticsearch, this included the back end which was written in C# and the front end which was created using AngularJS. I also built a machine learning classifier to identify ingredients on a recipe website.

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 - May 2019 **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 - Mar 2019 **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.

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

- Current president and club captain of the University of St Andrews Table Tennis club
- I also served as the East Kilbride Table Tennis Club captain between 2014 and 2016
- Represented East Kilbride Table Tennis Club, West Of Scotland and University of St Andrews at various table tennis competitions
- 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.