

# JUSTIN YANG

## Graduate Analyst at Vodafone Group UK

@ justin@justinyang.co.uk  
github.com/astodgyuy

Newbury, United Kingdom  
linkedin.com/in/justin-yang-281171126/

www.justinyang.co.uk

@astodgyuy



## EXPERIENCE

### Consultant Software Engineer

#### Detillens

May 2022 – Current Glasgow

- Consultant Software Engineer at Morgan Stanley in Treasury Planning and Capital (TPC)

### Graduate Analyst

#### Vodafone Group UK

September 2020 – April 2022 Newbury

- 4x Vodafone STAR award winner
- Won best project award in Vodafone Business Platforms & Solutions for a customer loyalty dashboard in Python and React.
- Came second place in Vodafone Foundation Hackathon, building a React-Native based educational app for Syrian refugee children in Turkey.
- Implemented an Elasticsearch instance for the OpsAI team reducing search time of support tickets from 5 hours to 5 seconds.
- Architected and developed a new Ticket Forensics pipeline in Python to identify support tickets that can be automated in Zero Touch Operations reducing Mean Time to Resolution from days to minutes.
- Successfully pitched and secured funding from senior management for my own innovation - Vodafone Smart Charger. This innovation reduces electricity consumption from charging our laptops by 25%.
- Established the Vodafone Youth Coding Club and started a new internal process for young people in Vodafone to take up coding opportunities around Vodafone - Business Coding Opportunities.

### Remote Developer

#### Adimo

September 2019 – June 2020 Remote

- Developing a Chrome extension that aims to reduce the time taken to integrate a new client with Adimo technology from a few minutes to just a few clicks.

### Software Intern

#### Adimo

July 2019 – August 2019 Glasgow

- Laid the foundation for a brand new analytics platform powered by Elasticsearch reducing the time to retrieve data by 90%.
- Developed a machine learning model that could automatically recognise ingredients from regular text on a recipe website. This has allowed Adimo to automate the process of integrating a new recipe with their technology. This process previously took a few minutes, now it takes seconds.

## EDUCATION

### First Class Bsc. in Computer Science

#### The University of St Andrews

September 2016 – July 2020

### Williamwood High School

August 2010 – June 2016

## MOST PROUD OF

**Winning JP Morgan Code for Good Hackathon**  
We developed an inventory management platform for the British Heart Foundation.

**Table Tennis Club Growth**  
Responsible for growing the number of members of the Table Tennis club to double of what it was last year.

**Organised A Dodgeball Tournament**  
Sole organiser for a inter-society dodgeball tournament with over 70 participants.

**Over 400 Hours of Volunteering at Oxfam**

**Completed Duke of Edinburgh Gold**

## STRENGTHS

Python Java C# C++ C  
Javascript SQL HTML/CSS  $\LaTeX$

Machine Learning Data Analysis

Full Stack Development

Human Component Interaction

Leadership Team Player

## PROJECTS

---

### RecycleCat

- RecycleCat was my final year dissertation project at the University of St Andrews.
  - RecycleCat is a radar-based system which is able to classify 11 different types of recyclable waste. The system was integrated into a bin to demonstrate a new form of waste sorting in the household.
  - The project was awarded a first class mark.
- 

### Society Ticketing

- Built software in Python for societies at University to use as alternative to FIXR.
  - The platform is able to generate tickets with QR codes on them, wguccg cab then be verified by the integrated QR code reader for admission.
  - This project has saved various societies more than £50 that would have otherwise gone to FIXR.
- 

### Rebuilding the University of St Andrews Table Tennis Club

- The Table Tennis club was an under-represented club. Since becoming president in 2018, I have built a website, increased the club's social media presence and doubled the size in terms of membership.
- I have also secured professional coaching for the club. This has contributed to the club consistently ranking as one of the top teams in Scotland.
- As the captain of the mens 1st team, I have led the team to top 4 finishes twice.

## INTERESTS

---

- Represented the University of St Andrews in Student Sport Scotland and British University and College Sport competitions.
- Building computers and modifying computer hardware.
- Immersing myself in Virtual Reality games.

## LANGUAGES

---

English (Native)  
Chinese Mandarin (Fluent)