JUSTIN YANG

Graduate Analyst at Vodafone Group UK

@ justin@justinyang.co.uk ● Newbury, United Kingdom ● www.justinyang.co.uk ● @astodgyguy
github.com/astodgyuy ● linkedin.com/in/justin-yang-281171126/

EXPERIENCE

Graduate Analyst
Vodafone Group UK

📅 Setpember 2020 – Current   ● 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.

Software Intern
The University of St Andrews School of Computer Science

📅 June 2018 – August 2018   ● St Andrews

- Developed data analysis software for a team of researchers at The University of St Andrews School of Medicine. This software made it possible for the researchers to analyze and monitor their experiments simultaneously as they were run.

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**
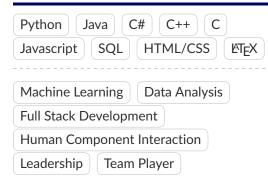Sole organiser for a inter-society dodgeball tournament with over 70 participants.

💼 **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, wgucg 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)