

# TRISTAN RODRIGUEZ

## CONTACT DETAILS

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## PERSONAL PROFILE

I am a mature, enthusiastic and hard-working individual. I am bilingual in English and Spanish, while also being able to speak a little French and Chinese Mandarin. I love animals and have two cats. I like to travel around the world, experiencing different cultures and learning about their history. I am an avid swimmer, which has led me to take an interest in diving, for which I hold a PADI openwater and dry suit qualification. Currently, I am working towards the advanced openwater qualification.

## ACADEMIC RESULTS:

**Leeds College of Building** [Sep. 2023 – Nov. 2023]

HNC Civil Engineering – Partial Completion (awaiting results)

**Trinity School, Croydon** [Sep. 2015 – July 2022]

A Levels (taken July 2022)			
Physics	B	Economics	B
Maths	B		
GCSES (taken July 2020 except for Spanish - July 2018)			
Physics	9	Chemistry	9
Biology	9	French	9
Chinese	8	Mathematics	8
DT	8	Geography	8
English Literature	7	English Language	7
Spanish	A*		

## OTHER QUALIFICATIONS

PADI Open Water Qualification [May 2019]  
PADI Dry Suit Qualification [May 2019]

## POSITIONS OF RESPONSIBILITY

For 5 years, I was selected as demonstrator and student host for parental tours of the DT department on the school Open Day. I had to welcome visitors, show them the facilities and answer questions. It was important to be personable, outgoing and responsible, while coming across as professional.

From December 2017 until I finished school, I had been part of the stage crew for the school musicals and other plays. By the time I left, I was a senior sound engineer, in charge of the operating the sound desk, giving sound cues and programming in sound effects. I had to liaise closely with the producer and performers as well as the lighting

crew. Sometimes, implementing the stage directions required versatility and lateral thinking. I had to find and fix the problems quickly and efficiently so that the musical could run smoothly. I had to work quickly but always observing health and safety practices, as we worked with heavy electrical equipment. I was responsible for training younger children to operate the sound equipment. As their attention can easily wander, I had had to develop varied and engaging ways to explain and illustrate tasks and harness their natural enthusiasm.

## **WORK EXPERIENCE**

### **Pret a Manger [September 2022 – June 2023]**

For 10 months I worked as a Team Member in the coffee chain Pret a Manger, Queen Victoria Street. My main role was to assist on tills, taking customers' orders as well as passing coffee orders. When there was a shortage of baristas, I would switch from the tills to making coffees. I learnt to have good communication and work as part of a team. I also learnt to be assertive and aware of my surroundings, maintaining the shop stocked and clean at all times.

### **David Cleaning Contractors [December 2019]**

I worked for 5 weeks as a junior janitor for a commercial office cleaning company. I was responsible for ensuring the carpet cleaning machine was ready for operation and for replenishing cleaning fluids. As part of a small team, I learnt how interdependent our roles were and that others were relying on me doing my work well so they could do their job effectively.

## **SKILLS**

### **Computer literacy, CAD experience and intermediate programming**

As part of my Physics team practical experiments, I decided to extend my knowledge of Excel so that I could use macros to present my results in more effective graphic and tabular form. Moreover, I have used Word, PowerPoint and other Microsoft programs extensively and have acquired a firm grasp of each. In my DT work at school, I was introduced to Solidworks and 2D design. To produce a more visually appealing design I had to learn more sophisticated aspects of Solidworks in order to change camera angles and lighting. I researched and used online guidance. I also applied my new skills in Solidworks at home to design and make a 3-D model of a plane which was then transferred into 2D Design for a finalised design that could be cut out with a CNC laser cutter. In my free time, I have been practicing my programming skills using Python as well as HTML to make different programs and mathematical operations. My most recent project is of a NASA Space Shuttle launch simulation.

### **Teamwork**

My volunteer work at the scout camp, through my school, improved my organisation and persuasion skills. To meet the deadline for completion of the project, we had to decide how to divide the group and allocate different jobs (for example, some people were tasked with cutting back bushes and others disposing of the waste). This required teamwork as we had to work together to carry out the tasks quickly, effectively and safely. During my time at Pret a Manger, I further developed my teamworking skills to cooperate with different team members to serve customers as efficiently as possible. It was important to be friendly and have an outgoing attitude, which I have had to develop during my time.

## **HOBBIES**

In my free time I enjoy designing and building aircraft models from laser-cut plywood. More recently, I have taken an interest in developing and building vacuum engines using LEGO. After some theory and research, I have managed to build a single-cylinder as well as an inline 2-cylinder engine with a 3-speed sequential clutch gearbox. It has been interesting to see how different approaches to generating rotary motion can be achieved, and in the future, I plan to expand the engine to an 8 cylinder and explore different variations of engine layout. I also enjoy collecting playing cards and listening to vinyl records.

**REFERENCES** On request