

# Adriel Maranan

Flat 1, Charnwood, 41 Wellington Road, Bournemouth, Dorset, BH8 8JJ

Mobile: 07803064875

[marananadriel@gmail.com](mailto:marananadriel@gmail.com)

## PROFILE

I studied at the University of Plymouth graduating with a BSc in Mechanical Design and Manufacture. I finished with a 2:2 overall (59.04%) and I am currently looking for a graduate job to enhance my abilities as an engineer. Based on my experiences at university, I have developed a good work ethic and am able to remain driven.

## EDUCATION

### **Plymouth University**

**Plymouth**

**2016 – 2019**

- Year three Modules: Computer Aided Engineering, Advanced materials, Manufacturing Processes, Systems Instrumentation and control, Engineering Project 1 (Side lifting crane system), Engineering Project 2 (Dissertation: Reliability of torque in a Halo Orthosis) **(2:2 Overall)**
- Year two Modules: Manufacturing and Materials Year 2, Computer Aided Mathematics, Engineering Design, Engineering Science Year 2, Manufacturing Systems, Mechatronics system design project **(2:1 Overall)**
- Year one Modules: Skills for design and Engineering, Engineering Mathematics, Manufacturing and Materials 1, Team Engineering, Engineering Science 1, Quality and Project Management, **(2:1 Overall)**

### **Brockenhurst college**

**Brockenhurst**

**2014 – 2016**

- Engineering Level 3 Extended Diploma: **(Triple Distinction)**

### **St Peters Catholic School**

**Bournemouth**

**2009 – 2014**

- 9 GCSEs Including Math, English, Science: Ranging from **B – C**

## Technical Skills

**Proficient in the use of:**

### **Solid works**

A 3D/2D CAD software used to develop designs for prototypes and manufacturing. It was heavily used during my third-year project where I had to design a crane and complete technical GA drawings and BOMs.

### **MATLAB**

A software that can compute complex and time-consuming mathematical problems. It can also be used to model control systems. During one of my modules, I had to create an idealistic control model of a car and replicate the results with the actual model.

### **ANSYS**

An FEA software that allows realistic simulations of what can occur to a product in certain scenarios. During my project where I had to design a crane, multiple factors such as weight distribution of force and movement were introduced so that high concentrations of stress can be found and mitigated.

### **Microsoft Office**

Software used in the professional industry for a variety of reasons.

## **SKILLS**

### **Team Work**

As a point guard in basketball for two different teams, I have been able to communicate with people efficiently and concisely so that they understand what I say in a brief period. This had been especially helpful during group coursework at University which required harmonious work between the group to stay focused and on time.

### **Communication**

During a module called 'Team Engineering', my team of four were tasked with creating a sustainable power supply to operate in an underdeveloped country. We had a challenging four weeks to complete it. I was the project leader to ensure communication was maintained during the holiday periods and I did this by using project management skills whilst motivating the team remotely. We achieved 68% as a result.

### **Time Management**

I was keen to start my coursework immediately to avoid last minute cramming. I pride myself in being self-motivated to continuously improve. To optimise my outcomes, I use physical diaries, calendars and daily reminders on my phone to make sure I am up to date with any piece of work.

## **WORK EXPERIENCE**

### **LUSH**

#### **Warehouse Production Assistant**

**August 2019 – November 2019**

- Gather components efficiently for the production floor to pack and ship onto shop floors.
- Perform inventory checks and organize the warehouse for optimal flow of inventory movement
- Quality checking batch productions to mitigate defects found on production floor

#### **Plymouth Engineering Society (PlymEng) at University of Plymouth**

##### **Health and Safety Officer**

**September 2018 – June 2019**

- Inform members of possible risks when entering new environments/scenarios
- Fill out risk assessment forms when necessary
- Inform the Student Union if there has been an accident/incident in the past 48 hours

#### **Sunseeker**

**January 2016 – January 2016**

##### **Work Experience Shadow**

- Shadow different engineers for a full scope of different engineering scenarios
- Help move and manage equipment
- Observed planning and management of their materials which demonstrated how critical stock replenishment is for continuous production.

#### **Brockenhurst Open day**

**September 2015-September 2015**

##### **Open day volunteer**

- Answered questions about the college and my course at the time (Level 3 Engineering)
- Guided parents and potential students around the campus
- Gave words of encouragement to those in doubt of their skill.

## **INTERESTS**

In my spare time, I enjoy staying active by playing sports and going to the gym and I also like to relax by listening to various music genre and playing the guitar. I also like to do small DIY projects.

## **REFERENCES**

Karen Friendship

MD at Alderman Tooling Ltd and Undergraduate Mentor

Bell Close

Newnham Industrial Estate

Plymouth

Devon

PL7 4JH

[karen.friendship@aldermantooling.co.uk](mailto:karen.friendship@aldermantooling.co.uk)

Tel. 01752 201200