



# ROSS BROCK

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I am a creative and curious designer who has recently finished a Masters at The University of Edinburgh. My aim is to use my design education in an innovative way that focuses on sustainability, to create a better world to live in so people can enjoy everyday experiences, whilst also innovating new exciting concepts for our future. With forward thinking approaches, exploring new ideas, I have a passion for designing contemporary and practical products and commodities that make life more enjoyable for everyone.

I flourish when working in agile team environments but equally excel working independently. I am enjoy when different people with varying strengths and skills come together to solve a challenge. I always look forward to new experiences, opportunities, and ways to learn.

## SKILLS AND ACHIEVEMENTS.

- Concept generation and development
- Sketching and brainstorming
- Prototyping and proving
- Materials section and sustainability
- 3D Softwares (Solidworks, Creo, Fushion 360)
- Adobe CC (Illustrator, Indesign, Photoshop)
- Photography
- First Class Bachelor's degree
- Merit Master's degree
- Graphic Design short course
- Qualified and participated for international exchange programme
- Involved in social and educational development in a deprived area of Fiji as a volunteer

## EDUCATION.

**UNIVERSITY OF EDINBURGH (MA)**  
 Sep 2020 – Aug 2021  
 Design for Change  
 Merit Degree

**UNIVERSITY OF STRATHCLYDE (BSc)**  
 Sep 2016 – May 2020  
 Product Design & Innovation  
 First-Class Honours Degree

**UNIVERSITY OF IOWA**  
 Aug 2018 – May 2019  
 Industrial and Furniture Design  
 Year Abroad

### Classes.

Design for Environmental Change  
 Design for Technological Change  
 Design for Social Change  
 Multi-Sensory Cultures  
 Innovative Food System

Production Techniques  
 Design Prototyping  
 Advanced Design Methods  
 Advanced Product Design &  
 Manufacture

Furniture Design  
 Design for Manufacture  
 Design for Concepts  
 Ergonomics

## EXPERIENCE.

### Big Partnership - Glasgow, Scotland | 2021

Worked with the Creative Director of Big Partnership who are a digital and design marketing agency based in four cities around the UK.

- Aided the creative design team with their tasks
- Gained an insight into how the creative designers approach a brief and how they start and handle their projects
- Learn about various teams and their roles in the agency, like the creative, social, digital and PR teams

### Ecoclean - Glasgow, Scotland | Industrial Group Project, 2020

Worked directly with founder of Ecoclean who produce environmentally friendly and efficient disinfectant spray and refillable bottles to keep sustainable.

- Concept generation and prototyping of the design
- Redesigned the spray bottle
- Redesigned the spray/trigger mechanism
- Developed and proved the smart chip concept

### Seawater Solutions - Glasgow, Scotland | Internship, Summer 2019

Worked with the two founders of Seawater Solutions who farm seawater vegetables using new coastal farming techniques in Scotland, Vietnam, Malawi, Namibia, Ghana and Spain.

- Developed a company logo
- Created and designed eco-friendly biodegradable packaging
- Generated concepts and ideas for marketing and advertising opportunities

### **Arms of God Primary School** - Suva, Fiji | Volunteering, June/July 2018

As part of a team we worked with our supervisors and the teachers of the school to teach lessons, aid students in their learning and let them blow off steam by taking them for their sports period as well as making repairs to their school.

- Taught the basics of STEM subjects to students at a primary school
- Taught students about Scotlands history and culture
- Renovated parts of the school
- Helped clean up the aftermath from hurricanes
- Led PE classes and rugby matches for the students

### **Stuart's Metalworx** - Falkirk, Scotland | Work placement, August 2016

Worked with the solo businessman who creates statues, sculptures and decorative pieces out of completely recycled metals.

- Learned how to cut, bend, colour, and weld metal
- Educated on how to use waste materials to create decoration products
- Improved my skills with my hands whilst also teaching me new manufacturing processes and techniques

### **Fearsomengine** - Glasgow, Scotland | Work placement, July 2015

Under the supervision of the owner, I worked with the product design team in Fearsome who are a product design and innovation agency.

- Produced prototypes for a current project
- Learnt how a variety of prototypes can aid decision making
- Adapted from failed mechanisms and improved the next development
- Used CAD to construct designs
- Worked in the workshop to manufacture the designs
- Met with clients to review and reach their requirements of the desired product

### **CA Models** - Stirling, Scotland | Work placement, June 2015

Worked with CAD technicians, rapid prototyping machine operators and a variety of employees within the factory who produce prototypes for companies like Dyson, Mercedes F1 and Boeing.

- Gained experience with rapid prototyping machines by using CAD to create designs made from FDM
- Learned the processes from computer to print

### **Ardmay International Summer School** - Loch Lommond, Scotland | Volunteering, June 2015

Worked under the supervision of the Summer School's coordinators with four other volunteers to work with and make sure the students were enjoying themselves.

- Aided teachers with English language lessons and helped students improve their English skills
- Led groups of students in outdoor team building and communication activities
- Helped groups learn how to work together to solve a common problem or obstacle
- Ensured every student was safe and where they should be, but also enjoying themselves.

### **On the Side...**

G4S Steward  
Bartender - Saint Judes  
Bartender - Inn at Dollar  
Dollar Academy Groundsman

## **A BIT ABOUT ME.**

In my spare time I enjoy photography and zoning out to new found music, as well as hill walking which all help me escape. As a student I DJed at venues in Glasgow & Iowa playing the euphoric and innovative music I find. I am a J.R.R. Tolkien enthusiast, and stay active by participating and watching sport.

## **WHAT NOW?** Thank you for viewing my Curriculum Vitae.



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