**About**

Hello my name is Charmaine Tam but my peers call me Charlie!

I live at Macritchie Reservoir … got a lot of mosquitos.

I am currently a Year 2 studying Experience and Communication Design.

As an artist and a designer I chose this module because I felt that this would challenge me to integrate science and art. When I googled “digital fabrication”, I saw a project by Neri Oxman pop up and as a fan of her I became interest in this module.

As someone who hopes to be an artist, I feel that by learning a new medium it would expand my knowledge and the art that I can create in the future.

I hope to learn by the end of this module how to efficiently work fusion 360 and be fully independent in creating 3D prototypes. My goal would be to use what I have learnt from this module and be able to embark on my own projects to create things out of nothing. It would be pretty cool too if I was able to create art out of this.

**Project Page**

* a project title
* what you intend to build
* a sketch showing the prototype (remember Assignment 3?) and/or a cardboard prototype
* Sites you have researched on a similar project
* What you are going to do differently

Main page should have the “EP1000 Digital Fabrication & Prototyping” title. Change other sections to reflact the topic. Write one or two paragraphs to introduce this topic and why this site was created.

Digital Fabrication and Prototyping

“Digital Fabrication is a manufacturing process in which the materials themselves are digital.”

Digital Fabrication is designing via a computer while spending minimal time as well as expertise in creating the physical object on the actual machine. The work flow is primarily digital hence the word “digital”. Digital fabrication is a process that combines different techniques like 3D printing, vinyl cutting, lazer cutting etc. allowing you create almost anything.

This site was created to document my ideation and thought process.