



CAMERON GRIFFIN

ARCHITECTURE AND DESIGN

I recently graduated with a First Class BArch Honours Degree from the Manchester School of Architecture, which is ranked 5th globally. I am an enthusiastic designer, passionate about the relationship between technology and design. My roles at PrintCity as a Teaching Assistant and at the University of Manchester as an Architectural Digital Design Assistant have significantly advanced my capabilities, enabling me to design, prototype, and build a diverse range of projects from high-end furniture to electric vehicles and sound systems

My journey in design began in 2017 as a hobby, and since then, I have continuously expanded my repertoire through a deep passion for technology and design, particularly in the rapidly evolving field of additive manufacturing, such as 3D printing. Combining this technology with my architectural design practice through numerous building projects has further honed my skills in computer-aided design, digital fabrication, woodworking, metalworking, and additive manufacturing

This technology has applications not only in architecture but across various industries, which fuels my interest and drives my commitment to mastering these skills. I have conceptualised and developed a wide array of products which integrate this, including smart devices, high-end furniture, bespoke speaker systems, electric vehicles, and complex microprocessor-based systems. Each project builds upon the last, increasing in complexity and design development, with my abilities improving every year. I am eager to further develop my skills, knowledge, and career in this exciting fusion of design and technology as it continues to evolve

FULL DIGITAL PORTFOLIO | <https://issuu.com/cameronvgriffin/docs/2024-portfolio>

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Manchester | United Kingdom

EDUCATION

2021 - 2024

BA FIRST CLASS HONS - MANCHESTER UNIVERSITY

Honours - Bachelor's of Architecture - First Class Honours - UoM & MMU

2019 - 2021

A-LEVEL'S - CHESHIRE COLLEGE SOUTH AND WEST

Computer Science - A* | Maths - A | Physics - A | EPQ - A

2017 - 2019

GCSE'S - UNIVERSITY TECHNICAL COLLEGE

Studying Engineering and Design Subjects & Core Subjects

2014 - 2017

KINGS SCHOOL MACCLESFIELD

Year 10 & Year 11

2006 - 2014

TERRA NOVA SCHOOL

Year 4 - Year 7

EXPERIENCE

2022 - 2024 | Part Time | 2 Years

ARCHITECTURAL DIGITAL DESIGN ASSISTANT

Manchester School of Architecture & 3D PrintCity | Manchester

2022 - 2024 | Part Time | 2 Years

GENERAL TEACHING ASSISTANT - 3D PRINTING

3D PrintCity | Manchester

2022 - 2023 | 1 Year

ADDITIVE MANUFACTURING HANDBOOK

3D PrintCity | Author of the Additive Manufacturing Handbook

2020 | 3 Months

FRANK ROBERTS & SONS LTD

Summer Job | Northwich

2017 | 2 Weeks

POZZONI ARCHITECTS

Work Experience | Altrincham

BIM & CAD SKILLS

Revit



Building Information Management

Rhino



3D Modelling and Testing

Auto CAD



Technical Drawing

SketchUp



3D Modelling

Fusion 360



Product Scale 3D Modelling

Solidworks



Product Scale 3D Modelling

Grasshopper



Parametric Modelling and Testing

GH Plugins



Ladybug, Butterfly, Honeybee ect

MEDIA SKILLS

FDM 3D Printing



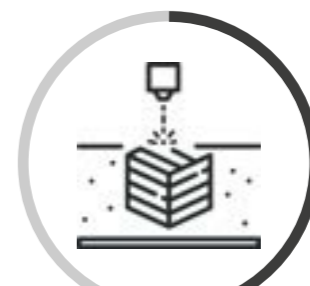
Fused Deposition Modelling

SLA 3D Printing



Stereolithography

SLS 3D Printing



Selective Laser Sintering

Office Suite



Excel, Word, Powerpoint ect

Unity



Game Design

C# Coding



C# Coding in Visual Studio

Vegas Pro



Video Editing

Laser Cutting



Wood Laser Cutting

ADOBE SUITE SKILLS

Photoshop

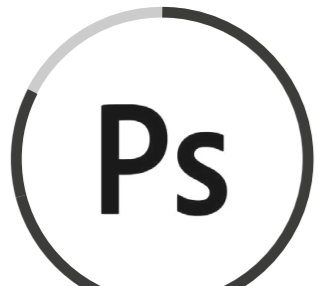
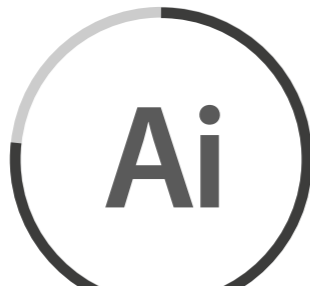


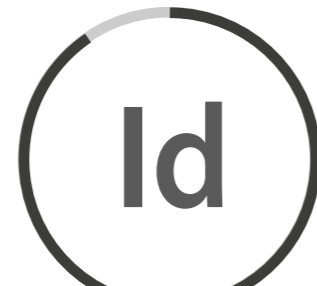
Image Postprocessing

Illustrator



Vector Graphics

InDesign



Document Layout and Design

RENDERING SKILLS

D5



Real Time Rendering

Twinmotion



Real Time Rendering

V-Ray



Adaptive Ray Tracing Rendering

Lumion

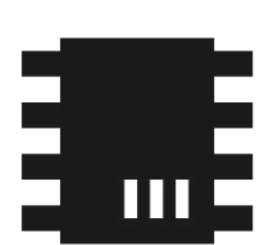


Real Time Rendering

HOBBIES



WOODWORKING



ELECTRONICS



CYCLING



SKIING



PRODUCT DESIGN



HIKING



SWIMMING



3D PRINTING

REFERENCES

Jason Taylor | School of Architecture Jason.Taylor@mmu.ac.uk

Alan Dempsey | 3D PrintCity A.Dempsey@mmu.ac.uk