

Jamie Williams

Civil Engineering Student – Environmentalist

☎ 07397 190882

✉ Jamiewilliams72@hotmail.co.uk

EDUCATION

University of Southampton – MEng Civil Engineering

September 2020 – Present

I'm currently undertaking a placement year before I'll then be returning to study in my 4th year towards an integrated master's in civil engineering. My fields of interest are **Energy**, **Water**, **Automation**, as well as **Digital delivery**.

Three modules that highlight my skillsets have been:

- **Undergraduate Thesis** – “The Role of automation for building stock decarbonisation: A case study using Highfield Campus”.
(First class achieved)
- **Numerical Methods** – Using **programming** tools to solve **practical problems**.
(First class achieved)
- **Liveable Cities** – Creating **sustainable** visions for future **city development**.
(First class achieved)

A Levels & GCSEs

- Mathematics – A*
- Further Mathematics – A
- Physics – A
- Geography – A
- 10 GCSEs including Maths and English (Grades 8-6)

JOB EXPERIENCE

Arcadis – Student Engineer

August 2023 - August 2024

During an industrial placement year at Arcadis I have worked on projects surrounding **wastewater treatment** and **automation**. A fundamental part of my work is **CAD modelling**, completing design **calculations** and **coding**.

PROFESSIONAL PROFILE

Before heading into my final year of university I am working on as a student engineer to expand upon my current skillsets.

SKILLS

CAD modelling
Python, MATLAB & R
BIM360
Twinmotion
SAP2000
Teamwork & Leadership
Time management
Communication
Microsoft Office

CHARITY WORK

I have participated and fundraised for multiple charity events, such as walk the wight.

Next on my list is to complete a marathon!

HOBBIES

In my spare time I love to play music. At first, I taught myself the piano but most recently I picked up the guitar.

I also enjoy going to the gym and playing tennis.

JOB EXPERIENCE (CONTINUED)

The Eight Bells – Front of House

September 2016 - September 2021

Alongside studying at school, I held a job for multiple years which utilised my **self-discipline** and helped me to develop my **time management** skills.

Robin Hill – Park Operations Team

Summer 2022

In my second summer after starting university, I decided that I wanted to be exposed to a new working environment, so I found a practical job in a park operations team. Often times I would find myself working alone and this helped me develop key skills such as, **independency, punctuality** and **taking initiative**.

OTHER RELEVANT EXPERIENCE

Constructionarium – Team Leader and Labourer

June 2021

At the end of my first year of university, I went to Norfolk on a construction project which was limited to the timespan of one week. Throughout the day I was able to work on site as a labourer. During the evenings I took up an optional role as a **Team Leader**, planning the schedule for the following day. In this time **organisation, communication** and **time management** were critical.

Cowes Enterprise College – Teaching Assistant

September 2018 – July 2019

Alongside my A levels I volunteered as a teaching assistant in maths classes taught to younger years. In this role I demonstrated **leadership** and **communication**.

REFERENCES

References can be made available upon request.