

# THOMAS NEWBOLD

Bristol - Exeter

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I am currently a third-year student studying MSci Computer Science and Mathematics at the University of Exeter.

I am proficient in Python, and I have experience in other languages including:

- Java
- Javascript (*using the p5.js library*)
- C# (*Unity*)

A collection of my best projects can be found on my web portfolio at:  
<https://tom-newbold.github.io>.

## QUALIFICATIONS

SEPTEMBER 2021 – PRESENT (CURRENTLY THIRD YEAR)

**MSCI COMPUTER SCIENCE AND MATHEMATICS, UNIVERSITY OF EXETER**

My first year average was 77%, with notable results being: 90% achieved in a Python programming coursework module (ECM1400); and a 95% in my Mathematical Structures January Paper (MTH1001). My second year average was 79% - I achieved 90% in a Java programming coursework (ECM2414).

SEPTEMBER 2019 – AUGUST 2021

**A-LEVELS, BRADLEY STOKE COMMUNITY SCHOOL**

I achieved 4 A\*s in Mathematics, Further Mathematics, Computer Science and Physics.

SEPTEMBER 2017 – AUGUST 2019

**GCSSES, MARLWOOD SCHOOL**

I received 6 9s, 1 A\*, 2 8s and 2 7s. My grade 9s were awarded in Mathematics, English Language, and the sciences (including Computer Science).

AUGUST 2018 – AUGUST 2019

**BRONZE DOFE, EXPLORERS**

I completed 3 months of a sport (Karate), a skill (Piano), and 6 months of volunteering (Barnardo's Charity shop), which I continued after completing my DofE. I also did two expeditions, with two different teams of 4, while taking a leading role in directing and helping my teammates. This allowed me to develop key leadership skills, as the experience was taxing on the morale of everyone in the team, especially after we had covered significant distance.

SEPTEMBER 2009 – JULY 2018

**GRADE 8 ELECTRONIC KEYBOARD, PRIVATELY**

I achieved a Merit at grade 8, after achieving a Distinction in both grade 6 and 7, and all grades prior.

## PRIOR EMPLOYMENT / WORK EXPERIENCE

MAY 2023 – SEPTEMBER 2023

**DATA SCIENCE INTERNSHIP**, *MORGAN HILL CONSULTANTS*

I used the Dataiku DSS data science platform to implement a range of models for a client, before extending these models to include a Python-driven API service. I worked with databases, as well as Microsoft Excel, during my role. I plan to return to Morgan Hill during my holidays.

JULY 2018

**PLACEMENT**, *MOONRAKER VFX*

I spent a week at Moonraker VFX Bristol as part of my school's work experience scheme. I was able to work with industry-standard CGI software (such as Maya for modelling, Houdini for simulation and Nuke for compositing). I also worked with the team's IT lead on some file organization for a new database system he was working on. This taught me a lot about the pipeline, and working collaboratively.

FEBRUARY 2018 – SEPTEMBER 2020

**STORE ASSISTANT**, *BARNARDO'S*

I worked on the upkeep of the storefront, and its presentation, including maintaining relevant/up-to-date items on the shelves. Within this role, I have had to keep to time and remain focused, while working efficiently in order to complete each task assigned to me. I often worked within a team in order to complete more difficult tasks within the workplace. While in this position, I have developed skills in interacting with customers politely and dealing with any issues they may have while in-store.

SEPTEMBER 2018 – AUGUST 2020

**NEWSPAPER DELIVERY**, *STOKE GIFFORD JOURNAL*

I completed monthly deliveries of the Stoke Gifford Journal in my area. I had to work to a strict schedule in order to complete my assigned deliveries, and from time to time I have helped my colleagues with some of their deliveries when they are struggling with the workload.

JANUARY 2020 – JUNE 2020

**TEAM MEMBER**, *SOHO COFFEE SHOP*

My role involved serving drinks and food, while maintaining a clean cafe environment.

APRIL 2022 – PRESENT

**PERSONAL SHOPPER**, *TESCO BRADLEY STOKE*

I serve customers who come to collect their pre-picked shopping, ensuring they are not missing any items or that any are damaged. My job role is best described as "the face of Tesco".

## OTHER INTERESTS

SEPTEMBER 2018 – SEPTEMBER 2020

**EXPLORERS**

I attended weekly meetings with my troop, which act as both social evenings, while developing both new and old skills. For example, we often completed tasks in a team, which have allowed me to work on my team-work abilities. I have found that this has helped me to become a better learner, and I feel I am now more capable of picking up new skills quickly. Through Explorers, I have completed my bronze DofE (as mentioned above).

## SKILLS

- Problem-Solving and Logical
  - As an avid programmer, many problems present themselves while I am implementing something, which requires me to solve them on the go.
  - I also enjoy games such as chess and othello, which require strategic planning.
- Eager to Learn and Hard-Working
  - I feel I am quick to learn and pick up skills, which makes me a good fit for any working environment – no matter the pacing – as I can adapt to new challenges I am faced with.
  - When assigned a task, I strive to work hard in order to see through its completion. I feel I demonstrated this skill while volunteering at Barnardo's, working to the best of my ability to complete jobs I am given.
  - My grades and other achievements are a testament to my work-ethic, showing what I can do when I put my mind to something.
- Teamwork and Positivity
  - Where I volunteered, I was often assigned group tasks in which I had to coordinate with others, and I was able to complete these tasks with ease.
  - During my DofE expedition, I successfully worked with a team; we had to show great resilience to navigate through difficult conditions.
  - During my second year at university, I completed a group software engineering project, for which I received a range of very positive feedback from my teammates (this can be provided upon request).
  - In my third year, I worked similarly well in a team for the Hack South West 24-hour hackathon, achieving 3<sup>rd</sup> place out of 12 teams.

## REFERENCES

**JAN ROSENZWEIG**, *MORGAN HILL FINANCIAL CONSULTANT*

Email – [jrosenzweig@morganhill.co.uk](mailto:jrosenzweig@morganhill.co.uk)

**NATASHA KIRBY**, *BARNARO'S STOKE GIFFORD BRANCH MANAGER*

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**EWAN CLARK**, *BSCS STUDENT MENTOR AND POST 16 COORDINATOR*

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**ANNIE SCOTT**, *MOONRAKER VFX STUDIO MANAGER*

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See attached reference letter

# moonraker

Moonraker VFX Limited,  
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26 Oakfield Road,  
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Bristol,  
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16th July 2018

To Whom It May Concern,

I am writing to highly recommend Thomas Newbold as a candidate for employment. He joined us at Moonraker VFX Limited in July 2018 under the Marlwood School work experience placement scheme. He reported to me in my position as Studio Manager as well as our Head of 3D, Tom Downes.

Thomas displayed a tenacious eagerness to learn and an impressive work ethic, using his free time outside of work to continue his learning and personal development. We were impressed with the way in which Thomas applied his prior knowledge of maths, science and computer technology to solve real problems within the Studio.

Thomas has a clear technical aptitude as well as promising artistic skills which should place him in demand in future employment.

I would not hesitate to place Thomas in a permanent position if the opportunity and the right role emerged.

I am available and happy to discuss should you have any further questions about Thomas.

Yours sincerely,



Annie Scott

Studio Manager

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