

JOSEPH P MACMANUS

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Top Floor, 31 Regent Street \diamond Bristol, BS8 4HR

PROFILE

An academically-strong 2nd year student in Mathematics & Computer Science at Bristol University, with proven communication skills and problem-solving ability. Hoping to make a career as a mathematical academic.

EDUCATION

University of Bristol

September 2017 - Present

Mathematics & Computer Science BSc (Hons)

- Strong academic performance - first year mark: 79.
- Explored the three main schools of programming in depth - Imperative, Functional and Object-Oriented, including some extended projects, both solo and team-based.
- Advanced working knowledge in Linear Algebra and Algorithm Theory.
- Other topic studied include Real Analysis, Group/Ring Theory and Formal Semantics.

Ysgol Abercowny 6th Form

September 2015 - June 2017

3 A-Levels

- Further Mathematics (CBAC) (A*)
- Mathematics (CBAC) (A*)
- Physics (CBAC) (A*)

Coleg Llandrillo (via Conwy LINC)

September 2015 - May 2017

BTEC Level 3 - Computing, Software & Programming (Dist)*

- Project work in web development, scripting in C# and also some work in Visual Basic.

Ysgol Aberconwy

September 2010 - June 2015

16 GCSEs or GCSE equivalents

- GCSEs include Mathematics (A*), and English Language (A).
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TECHNICAL SKILLS

Programming

- Proficient programmer in C, Java, and Haskell.
- Extensively studied algorithm theory and programming paradigms over the last two years.
- Small portfolio available at github.com/jpmacmanus.

Graphic Design

- Strong ability to use software such as *Photoshop* and *Illustrator*.
- Experienced in working with HTML and CSS, as well as L^AT_EX.
- Won *Best Team Identity* at *F1 for Schools* with my work.

EMPLOYMENT HISTORY

Metatutor

October 2018 - Present

GCSE and A-Level Maths Tutor

- Developed presentation skills, keeping lessons interactive, engaging, and informative.
- Organised approach to lesson planning.
- Good time-management to ensure lessons never overrun and relevant topics are all covered.

Tesco

July 2016 - Present (Intermittently)

Sales Assistant

- Proven ability to work under pressure during the busiest times of the year.
- Strong communication skills developed when dealing with customers.

OTHER ACHIEVEMENTS

Bristol PLUS Award

Ongoing

- Opportunity to reflect on one's own employability and work skills.
- Requirements include over 50 hours of work experience, 4 employability workshops and an intensive skills activity.

Project Euler

Ongoing

- An online collection of problems involving a blend of mathematical and programming skill.
- Currently up to 30 solves - and counting.
- Constantly improving my own mathematical and computational problem-solving skills.

Goldney Jazz Band

2017-2018

Pianist

- Working as a team to ensure a strong performance.
- Dedication to practice and understanding delayed gratification when learning new music.

LOST - Bristol RAG

November 2017

Contender

- Dropped 125 miles from home with no money, me and a partner had to find our own way home.
- Large amounts of teamwork, planning and on-the-spot thinking involved.
- Raised over 360 for charity.

ABRSM Music Theory (Grade 5)

2016

- Extra-curricular self-study.

REFERENCES

Dr Christian Konrad

christian.konrad@bristol.ac.uk

Personal Tutor

- Room 3.06, Merchant Venturers Building, University of Bristol, Woodland Road, Bristol, BS8 1UB

Sam Trapp

sam@metatutor.co.uk

Head of Metatutor

- 165 Filton Avenue, Horefield, Bristol, BS7 0AU