





Joshua Logan Bostock

+44 (0)7843 887933 
joshua.bostock@outlook.com 
github.com/jbostock03 
linkedin.com/in/joshuabostock 

SUMMARY

A hardworking, resilient undergraduate student in Astrophysics who thrives in unfamiliar environments, I am a fast learner, who works well both collaboratively and independently to complete tasks and make informed decisions at hand. I am keen to have new experiences and engage with new people to enrich my skill set and further my knowledge.

EDUCATION

University College London (UCL)

MSci Astrophysics

London, UK

2022-2026 (*Expected*)

- First- and second-year grade: First Class
- Modules include: Practical Astrophysics & Computing; Astrophysical Processes; Astrobiology; Quantum Physics; Statistical Physics of Matter; Electricity & Magnetism; Mathematical Methods I, II, & III
- Second-year project: Spectral Characterisation of Lunar Albedo

University of Washington

Study Abroad Programme

Seattle, Washington, USA

2024-2025

- Year exchange programme during third year at UCL
- Courses include: Exoplanets; High-Energy Astrophysics; Stellar Observations & Theory; Cosmology; Data Analysis; Astrostatistics & Machine Learning; Science of Climate; Pacific Indigenous Astrophysics
- Data Analysis project: Observing Exoplanet Transit Light Curve of XO-1 b
- Member of the Astronomy Undergraduate Engineering Group, maintaining Manastash Ridge Observatory

The Sixth Form College Farnborough

A-levels

Farnborough, Hampshire, UK

2020-2022

- A* in Physics, Chemistry, Mathematics, Further Mathematics
- A* in Extended Project Qualification: Understanding the (im)possibility of Dyson Spheres
- Silver in Chemistry Olympiad

The Winston Churchill School

GCSEs

Woking, Surrey, UK

2015-2020

- 9 in Mathematics, English Language, English Literature, Physics, Chemistry, Statistics, French, Latin
- 8 in History; 7 in Biology, Religious Studies; 6 in Art & Design

EXPERIENCE

Johnson Matthey

Virtual Work Experience Programme

Online

July 2021

- Engaged in sessions focusing on employability, decision-making, sustainability, and the automotive industry
- Led a group designing a net-zero house, justifying costs and features to current employees

Marmalade Game Studio

Associate Producer

London, UK

July 2019

- Facilitated in quality assurance by testing games and prototypes, giving valuable and constructive feedback working as a team
- Collaborated in meetings reviewing content and user interfaces for current and upcoming games

SKILLS

- **Organisation** - strong academic performance whilst engaging in extracurricular activities
- **Problem solving** - completing weekly tasks set as part of my degree demonstrating resilience and analytical thinking
- **Adaptive to new environments and a fast learner** - undertaking a Study Abroad Programme as part of my studies
- **Attention to detail**
- **Verbal communication** - delivering presentations to fellow students at UCL Observatory regarding report findings
- **Written communication** - professional report writing for work at UCL Observatory
- **Teamwork** - numerous team projects such as forming an observing proposal for exoplanet XO-1 b at the University of Washington, and proposing a Physics outreach event to UCL's Department of Physics & Astronomy
- **IT skills** - proficient in Word, Excel, PowerPoint, introductory Python, DS9, GIMP, L^AT_EX
- **Competent in data analysis and statistics**

HOBBIES & INTERESTS

- **Hiking** – day trips with friends or family to new locations
- **International travel** – exploring and adapting to unfamiliar cultures and landscapes
- **Photography** – keen amateur in astrophotography and light trails, processing RAW image files; FITS files; featured on UCL's social media