

Harry Bonshor-Mayes

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DOB: 09/04/2000 Check out my website at harrybm.live

Personal Statement:

I am a self-motivated and organised graduate from the University of Southampton, having achieved a high 2:1 in an integrated Msci Geology. In this role I aim to build experience and collect knowledge within the environmental engineering sector. Interest grew following a 3rd year module (Environmental and engineering geology) which built up knowledge to apply geological theory in order to address environmental and waste management problems. It was used in a brownfield site setting (Sellafield, Cumbria) as well as looking at hydrogeology theories to develop solutions to engineering problems.

Academic Experience

Masters independent research project

- Geochemical observations of an evolving magma system beneath Tenerife.
- Understanding the magma plumbing system through isotopic and rare earth element analysis.
- Combining years of previous fieldwork to produce one continuous data set of a caldera wall.
- Provide better understanding of the Upper Las Canadas volcanic edifice.
- Crushing, cleaning and picking of provided samples.
- Lab preparation of samples for ICP-MS analysis.
- Pb column work for isotopic analysis.

Degree Highlights

- High 2:1 average mark across 2nd and 3rd year.
- Key environmental engineering geology module (SOES 3008, 70% achieved).
- Fieldwork in both coastal and inland environments in sedimentary, metamorphic and igneous regions. Volcanic fieldwork carried out in Tenerife.
- GIS based 3rd year dissertation involving onshore fieldwork and offshore digital assessment for geological mapping.
- GIS focused modules of varying tasks and locations.

Independent Mapping Project

- Seamless onshore-offshore geological map of Osmington Mills-Ringstead bay and surrounding area, Dorset, focusing on slope stability and its relation to geological background using Esri ArcMap.

- Use and manipulation of geospatial data such as lidar in Esri ArcGIS for offshore mapping.
- Hypotheses formulated through data analysis remotely.
- Focused fieldwork on site to test hypotheses using mapping techniques.

Work experience

Lecture demonstrator (Earth and ocean systems) 2020

- Lead online deliveries to mentor first year students
- Liaise with lecture professor and students for guidance
- Prepare presentations and assess work

Office and factory labourer 2016 – present

RAM Ventilation, *Ilminster, Somerset*

RAM Ventilation is a HVAC contractor producing and fitting components in locations such as shops, schools, hospitals etc.

- Fabrication of ducting and air ventilation products
- Tendering jobs in the office
- Speaking with clients
- Solving IT issues

Qualifications

University of Southampton – Msci Geology 2:1

Strode Academy, Street, Somerset (2016-2018)

- Spanish A-Level: A
- Geography A-Level: B
- Geology A-Level: B
- EPQ: B
- Chemistry AS-Level: D

Preston Academy, Yeovil, Somerset (2011-2016)

- 9 A-C GCSE's

Interests & Skills

- Secretary for the Society of Economic Geology 2019-2020
- Interest in languages and multilingual (Spanish and self-taught basic Mandarin Chinese)
- Full driving license

- Working in a team environment
- Proficiency with computers
 - Graphic design and basic programming (MatLab, Python)