



# JAMES BENNION-PEDLEY

## TECHNICIAN/INVENTOR

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github.com/BOJIT w

### WORK EXPERIENCE AND INTERESTS

- Head Technician, Poole and Parkstone Grammar School. Responsibilities include AV installations and equipment maintenance/repairs as well as theatre productions and concerts.
- 2018: One-Week volunteering with *Revitalise*, caring for adults with disabilities  
[\[http://revitalise.org.uk\]](http://revitalise.org.uk)
- 2018: FOH sound engineer for Wimborne Folk Festival.
- 2017: One-week placement at *Beakbane*, Kidderminster *[supplier of CNC machine parts]*
- 2016: Two-Week placement at *Crimson Guitars*, Piddlehinton *[Guitar maker and tool manufacturer]*
- Proficient in lighting design and visual graphics, complementing a traditional engineering skillset.
- In spare time I enjoy hiking, camping and cycling; I play guitar, piano, violin and drums.

### AWARDS

- 2018: Winner of 'Pembroke Prize', the school award for overall academic excellence.
- 2017: Arkwright Scholarship [\[http://www.arkwright.org.uk\]](http://www.arkwright.org.uk)
- 2014-17: Poole Rotary Society district engineering competition – 2 wins out of 4 competitions.
- 2015: Valter Prize – David Cockbaine Shield [\[http://www.dorsetasset.org.uk/about-us\]](http://www.dorsetasset.org.uk/about-us)
- 2015: Team Leader for EDT Go4SET regional design competition, where we came in 1<sup>st</sup> place overall [\[https://www.thecollege.co.uk/news/judgement-day-young-design-engineers\]](https://www.thecollege.co.uk/news/judgement-day-young-design-engineers)

### QUALIFICATIONS [Poole Grammar School]

- |   |                              |                       |           |
|---|------------------------------|-----------------------|-----------|
| • A-Levels: <i>[June 2018/ June 2019]</i> | ○ DT – Res. Materials        | A*                    |           |
| ○ Mathematics                             | A*                           | ○ DT - Electronics    | A*        |
| ○ Physics                                 |                              | ○ Fine Art            | A*        |
| ○ Product Design                          |                              | ○ Further Mathematics | A^        |
| ○ Electronics                             |                              | ○ Religious Studies   | B         |
| ○ Further Maths                           |                              | ○ IT Short Course     | A* [2015] |
| • GCSEs: <i>[June 2017]</i>               | • IGCSEs: <i>[June 2017]</i> |                       |           |
| ○ Mathematics                             | 9                            | ○ Physics             | A*        |
| ○ English Literature                      | 9                            | ○ Chemistry           | A*        |
| ○ English Language                        | 9                            | ○ Biology             | A*        |
| ○ German                                  | A*                           |                       |           |

### SOFTWARE SKILLSET

Experienced	SOLIDWORKS	EAGLE	Arduino IDE	MagicQ
Competent	Adobe CS5 Suite	Fusion 360	C++	TouchDesigner
Basic	VS Code	Solid Edge	Python	
Currently Learning	DaVinci Resolve	Blender		

### REFEREES

#### Paul March

Design and Technology / Electronics Teacher  
Poole Grammar School  
*[Email available on request]*

James Bennion-Pedley

#### Andy Baker

Headteacher  
Poole Grammar School  
*[Email available on request]*

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