

# Maciej Grabowiecki

BSc (Hons), MSc

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## Personal Profile

A well-organised and ambitious person, with great knowledge about construction technology, architecture, MEP, and Building Information Modelling (BIM).

Expert in BIM Level 2 requirements, with experience in BIM Implementation process including writing BIM Implementation Plans (BIP), Employers Information Requirements (EIR) and BIM Execution Plans (BEP).

Passionate about new technologies including; modern architectural designs, RFID systems for construction management, collaboration technologies, Facility Management and BIM Implementation Strategies.

## Developments

Founder of **BIM-Portal Prototype (BETA version in development)**

Available at:

<http://plifes.wix.com/bimportal>

The prototype has aimed to help the Small and Medium Enterprises (SMEs) in gaining knowledge, and understanding about Building Information Modelling (BIM) Level 2 implementation requirements before 2016, however the development of the BETA version has been based around improvement and making BIM processes more efficient.

## Memberships / Awards

**Professional Memberships:** Training towards MCIQB Charter / pending audit for BRE BIM Certificated Practitioner (Task Information Manager)

**Academic Awards:** Gained best student in Construction Professions award in both years, at the Somerset College.

## Education History

September 2014 – November 2015 - *University of the West of England, Bristol*  
**MSc Building Information Management (BIM) in Design, Construction and Operations**

Grade: **Distinction**

September 2011 – June 2014 - *University of the West of England, Bristol*  
**BSc (Hons) Architectural Technology and Design**

Grade: **2.1**

September 2009 - June 2011 – *Somerset College of Art and Technology, Taunton*

**Level 3 National Diploma in Construction**

Grade: **Triple Distinction (DDD)**

## Employment History

**GxM Consulting Ltd.**

October 2017—Present Wellington

I offer a variety of services mainly to SME companies. My services include;

- Revit Modelling (within Architectural, MEP & Structural practices)
- BIM Implementation (process and software) / Information Management (providing advice on BIM Execution Plans, BIM Protocols & EIR, including preparing draft BIM & Modelling Standards)
- Consulting on the contractual side of BIM (explaining and advising clients on requirements, COBie production & LODs)
- BIM Training, Autodesk Revit Training, Navisworks Training
- Subcontractor management (I make sure that the subcontracted modelling work for companies has been coordinated and has been done in lines with the requirements)

**Bridgwater & Taunton College**

October 2017 - November 2018 Taunton

I was working at the Bridgwater & Taunton College as an Associate Lecturer on part-time basis. I taught students at different levels of BETEC qualification which included; Level 3 Diplomas, and apprentices, HNC (Level 4) certificates and apprentices.

- Teaching in the Department of Construction & Civil Engineering, Construction and Built Environment and Planning
- Modules include;
  - Building Information Modelling & Management (BIMM)
  - CADD for Construction (including training on Autodesk Revit & AutoCAD)
  - Project in Construction & Built Environment
  - Construction Technology and Design
  - Building Technology
  - Graphical Detailing
- Main duties include; teaching, preparing module content, preparation of assignments and marking.

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## Computer Skills

- Autodesk Revit
- Autodesk Navisworks
- Autodesk 3DsMax
- Autodesk Dynamo
- AutoCAD
- Unreal Engine 4 (UE4)
- Tekla BIMsight
- BIM 360 Glue
- Trimble Sketchup
- Adobe Photoshop
- ArchiCAD
- Lumion
- Microsoft Office Suite

## Specialist Training

2016 - Autodesk Revit MEP Family Creation

2016 - Autodesk Navisworks Manage

2016 - BRE BIM Essentials

2017 - BRE Information Management

## Volunteering

Youth Club 2010-2011

I had a chance to volunteer as a basketball coach at a local youth club.

## Interests and Hobbies

In my free time I really enjoy playing basketball, dancing and socialising, however my passion is self-development.

## Employment History (Continued)

### Services Design Solutions Ltd

May 2016 - October 2017 / January 2020\*

Bristol / Exeter

I have been working for SDS as a BIM Coordinator/Manager. This consulting company specialises in MEP designs. My responsibilities included:-

- BIM Management - Implementation of BIM Level 2 standards, including preparation of BIM standards, Modelling Standards, BIM Execution Plans (BEP) and Employers Information Requirements (EIR)
- MEP BIM design coordination and modelling for project values ranging from £100k - £70m mainly within educational, commercial, and residential sectors (including clash detection, COBie data management and Common Data Environment (CDE) management)
- Setting up of MEP design projects for the technical team to ensure compliance with the BIM protocol on projects.
- Training and improving technical staff efficiency and quality of produced MEP modelling work (Software included; Autodesk Revit, Navisworks and IES)
- Chairing monthly BIM meetings with the technical staff and directors to look for improvements in implemented BIM Technologies.
- Advising and working with project stakeholders on best practice for BIM Technology implementation on projects.

*\*Worked with SDS as a BIM Consultant/Freelancer from October 17 - January 2020*

**BBC programme DIY SOS: the big build** February 2016 - May 2016 Bristol

I have been working with DIY SOS: the big build programme as a freelance design assistant. My responsibilities included: CAD technical designs, internal designs, involvement in the builds ensuring that the works are done in accordance with drawings, and dressing the internal spaces before the reveal.

**William Haley Engineering Ltd.** February 2015 - October 2015 Taunton

I have been acting as a BIM Consultant for William Haley Engineering. The consultations have been based around BIM Level 2 implementation strategies for this multidisciplinary company. My main duties were to propose and advise on BIM Level 2 standards and protocols incorporation into the company's structure including; preparation of Employer's Information Requirements (EIR), BIM Execution Plans (BEP), as well as selection of different BIM technologies such as; software selections, RFID systems and Common Data Environment (CDE) options.

**Mach Acoustics** November 2013 - September 2015 Bristol

I have been working with Mach Acoustic as a freelance designer. My main duties were to produce Revit drawings of acoustic insulation products, in order to enhance company's client list. Other duties included; set up and design of acoustic technical detail libraries and involvement in acoustic markups, which specified different sound insulation requirements between different spaces within the residential and commercial buildings.

**Peer Assistant Learner Leader** October 2013 - March 2015 Bristol

During my PAL leading session at the University of the West of England, I was teaching as well as assisting in teaching Autodesk Revit and Autodesk Navisworks software to 2nd, 3rd and Masters level students from different construction discipline degrees. This included tutorials on basic, intermediate and advanced level.