



Stephen Southern

Architectural Visualiser and Cad designer.

I have 20 years experience in 3D architectural Visualisation and 10 years experience in general arrangement and detailing for design/build projects.

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42 Raven Hays Road,
Birmingham.
B31 5JP

Availability:
Full or part-time, remote, hybrid or onsite. Contract or PAYE

Software Experience:

 Autocad: 20 years

 3dsmax 24 years

 Unity: 12 years

 V.ray: 15 years

 Photoshop: 20 years

 Unreal: 1 year

 C Sharp: 5 years

Contact Card:



Work Experience

2021-Present day Arcmotion Ltd. Facade Detail Designer.

<https://www.arcmotion.co.uk/>

- General arrangement drawings.
- Design build CAD detailing and design.
- Automated material takeoff and scheduling system design. Database takeoff and scheduling- design and implementation.
- Fixing design to BS 8298 (Loadbearing and restraint).
- Design coordination.
- Site meetings and RFIs.

Projects:

7 Burlington Gardens Restoration, London UK

Date: March-December 2025

Client Foster + Partners.

Scope: Design of brick and blockwork walls and stone components..

Nash House

Date: April-December 2025

Client: Purcell

Scope: New build detail design of Load bearing natural stone ashlar, walling and dressings to BS EN 771-6.

Kings Walk, Kensington, London.

Date: March-October 2022

Client: Knight Build Ltd.

Scope: Natural stone cladding- Load-bearing ashlar design to BS 1469

Winchester College- Southern Campus, Winchester UK.

Client: Kier Ltd.

Date: May-November 2022

Scope: Natural stone exterior slab paving to BS 7533-4 including steps and ramps

2019-2020 Nicol Thomas (Architects) Ltd.

Architectural Visualiser and Marketing Manager.

2017 - 2018 Telling Architectural – Design Manager.

Design/build CAD drafting and detailing (Autocad). Liaising with clients, engineers and architects. Attending project meetings and making site visits. Coordinating and interfacing with other trade contractors.

Major Projects- GRC Cladding for 50-60 Station Rd.

2002-2017 ARCmotion- Partner, Architectural Visualiser.

Running a busy visualisation company- <http://www.arcmotion.com/>

Major Projects- Author and developer of the award winning Tram-Pro tram training simulator software for Manchester and Nottingham trams <http://www.tram-pro.com/>

1080p TVC CG animation and renderings for the Venetian, Macau. Sales brochure renderings and photomontages for Park Island, The Arch, and Manhattan Hill developments.

Skills

- 3D modelling, texturing, rendering and animating- 3dsMax, v.ray, Unity.
- Software development- Unity; javaScript; c#, .NET; Xcode; Blueprint.
- VR environment modelling and texturing- 3dsmax & Photoshop & Unity.
- Client account management- Aedas, Arups, Ricardo Rail, Sands Macao.
- Database design/maintenance- MSSQL and Ms Access.
- Video editing- Adobe Premiere, Canopus Edius.
- Virtual production- Unreal UE5 and Composure.
- Apple and Android app development- <http://www.invictagames.co.uk>
- Network administration- Windows Server, Synology DSM; SVN and Git

Achievements

- BSc (Hons) Computer Science, University of Hertfordshire- In progress...
- 2 self published mobile apps on both ios App store and Google play store
- A-Level Maths (pure and applied).
- City & Guilds in Autocad 2d&3d.
- iCADA Cad User of the Year 1994