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42 Raven Hays Road,  
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### Availability:

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

### Software Experience:

	Autocad:	20 years
	Revit	1 year
	3dsMax	15 years
	Unity:	12 years
	SQL server:	2 years

### Contact Card:



## Stephen Southern

### Facade Detail/Designer

'Specialising in Natural Stone Cladding I have 15 years experience in CAD facade design, detailing and database.'

### Work Experience

**2019- Arcmotion Ltd.** Natural Stone Detail Design

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

General arrangement design build CAD detailing and design.

Automated material takeoff and scheduling system. Database takeoff and scheduling design and implementation.

Wordpress website design and management.

#### Project: Kings Walk, London UK

**Main Contractor:** Knight Build Ltd.

Design: Natural stone cladding- Loadbearing 'Ashlar' design to BS 1469

Project details:

- 'Smart' general arrangement elevations plans and sections c/w detail drawings.
- Automated takeoff of stone types, fixings (Loadbearing and restraint).
- Stone Cutting schedules
- Fixing design to BS 8298 (Loadbearing and restraint).
- Fixing fabrication drawings
- Design coordination- Site meetings and RFIs.

#### Project: Winchester College- Southern Campus, Winchester UK.

**Main Contractor:** Kier Ltd.

Design - Natural stone exterior slab paving system to BS 7533-4 including steps and ramps.

Project details:

- 'Smart' General arrangement drawings plans and sections c/w detail drawings.
- Stone Cutting schedules.
- Design coordination- Site meetings and RFIs.

#### 2017 - 2018 Telling Architectural – Design Manager.

CAD Design drafting and detailing of GRC, Terracotta, Dekton, Natural Stone, Brick Slips, and Aluminium facades and substructure. Material takeoffs and manufacture drawing production. 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., Cambridge UK.

Terracotta Rainscreen cladding for Vassar Brothers Medical Center, Poughkeepsie, NY USA.

#### 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.

### Achievements

BSc (Hons) Computer Science, University of Hertfordshire- In progress...

A-Level Maths (pure and applied).

City & Guilds in Autocad 2d&3d.

iCADa Cad User of the Year 1994

City & Guilds in Stone Building Technology and Site Procedures. Weymouth College.