

# Eduard Vrabel'

## Contact

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Address: **46 Stanswood Gardens SE5 7SR London**

Nationality: **Slovak**

## Profile

A dynamic and experienced CAD specialist seeking a new opportunity to work on challenging projects from conception to delivery. BA qualified in architecture with seven years' experience working well on his own initiative as well as part of a wider team.

Developed extensive knowledge of advanced CAD systems and good level of technical understanding. Having an enthusiastic approach to problem solving when working on production that minimises re-work. Ensure the project work and designs are well thought out and planned to perfection – clear, accurate and cost effective.

## Experience

### Atkins

March 2015 – Now | England, London, 286 Euston Road

#### **CAD Technician / Designer**

Worked on several large-scale projects including Crossrail and Network Rail, directly with multiple designers. Generally involved in projects throughout the whole production process on all disciplines. Ensure the correct workflow is adopted, maintained and CAD / BIM standards are upheld. Tweak and make changes to the drawing before it is sent to the engineer's team. Often provide technical advice and assistance to the production team. Running clash detection on collaborative 3D information to eliminate delayed project delivery and further cost.

*Farringdon Station – London – RIBA 5*

*Bank SSIU – London – RIBA 5*

*Old Oak Common Depot – London – RIBA 3 – 5*

*Crossrail Anglia – London – RIBA 5*

*Victoria Dock Portal – London – RIBA 5 – 7*

### Freelance

April 2013 – February 2015

#### **CAD Drafter**

Worked directly with clients to ensure full coordination and compliance of the information. Maintain drawing files and records throughout the duration of contracts. Prepare estimates for project costs and time associated with the drawings. Ensuring project deadlines are met on time. Presenting design plans to the project team or clients.

*Neon Deer – Kiev*

*Fountain Basin – France*

*Home Office Desk – France*

### Lifschutz Davidson Sandilands

March 2014 – May 2014 | England, London, 22 St Peter's Square

#### **Architectural Assistant**

Experienced obtain on large open plan office environment. Worked closely with project leading architect to strict deadlines. Assigned daily tasks and extrapolated designs into CAD. Ensure that drawings take full regard of all requirements and report problems and deficiencies in the design and brief to an appropriate person.

*Latymer House – London – RIBA 5*

## FoRM Associates

August 2008 – March 2011 | England, London, 154 Narrow Street

### **Architectural Assistant / CAD Administrator**

Produced drawings and visualisations for structures such as bridges, canopies and lighting projects. Worked on a variety of urban design, architecture and landscape projects producing general arrangement drawings and detailed designs. Exploring new ways of CAD designs with 3D and parametric modeling, automatizing drafting and measuring processes. Having been directly involved with the customizing and implementation of CAD standards into the projects. Itemising all components and materials for all drawings in production. Utilizing my experience in training and managing staff members new to Bentley products.

*Market Place – Kettering – RIBA 1 – 6*

*Trafford Wharf Promenade – Manchester – RIBA 1 – 6*

*Cathedral Walk Bridge – Manchester – RIBA 1 – 3*

*Woden Street Bridge – Manchester – RIBA 1 – 3*

*Clippers Quay Bridge – Manchester – RIBA 1 – 3*

*Skinnners Academy – London – RIBA 1 – 6*

*St. Wilfrid's Hospice – Eastbourne – RIBA 1 – 6*

*Izolyatsia Industrial Landscape Park – Donetsk – RIBA 1 – 3*

## MARKROP AA

October 2007 – July 2008 | Slovakia, Bratislava, Murgašova Ulica 4

### **Architectural Assistant**

## Karpatský Atelier

June 2005 – August 2005 | Slovakia, Pezinok, Moyzesova 12

### **CAD Drafter**

## Skills

An excellent communicator offer strong technical and organizational skills. A team player easily adapting to different projects at various stages having been involved in some high-profile projects. Capable of working within demanding time frames.

Comprehensive knowledge of engineering design principles, understanding and interpret drawings and 3D models well. High level of expertise in MicroStation. Specializing in technical coordination, CAD / BIM management and package development.

**Bentley MicroStation** – 15 Years – CAD – 2D / 3D drafting – design and macro programming in VBA.

**Bentley GenerativeComponents** – 5 Years – Applying parametric relationships among model elements through concisely expressed algorithms for direct and dynamic geometry manipulation.

**Bentley AECOsim Building Designer** – 3 Years – BIM – Generation and management of digital representations of physical and functional characteristics.

**PTC Mathcad Prime** – 5 Years – Active editing of typeset mathematical notation, combined with its automatic computations.

**Microsoft Excel** (& Microsoft Office) – 15 Years – Spreadsheet features graphic tools and arithmetic operations of supplied functions to display data as graphs and charts.

**Adobe Photoshop** (& Adobe Suite) – 15 Years – Post production raster graphic editor for altering images.

**Next Limit Maxwell Render** – 5 Years – CGI – Physically based render engine tool for visualisation and animation.

## Education

### Slovak University of Technology – Faculty of Architecture

September 2011 – June 2013 | Slovakia, Bratislava, Námestie slobody 19

#### **Incomplete Master's Degree**

September 2004 – June 2008

#### **Bachelor's Degree**

### Secondary School of Civil Engineering – Department of Construction

September 2000 – June 2004 | Slovakia, Bratislava, Drieňová 35

#### **A Levels**

# References

**Igor Marko** MA ARCH ARB

FoRM Associates | igor@markoandplacemakers.com | +44 (0) 2075373654

**Richard Rowbotham** CMLI

Freelance | rickrowbotham@icloud.com | +44 (0) 7775652090

**Jon Clark**

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## Table of Contents

Contact

Profile

Experience

Atkins

Freelance

Lifschutz Davidson Sandilands

FoRM Associates

MARKROP AA

Karpatský Atelier

Skills

Education

Slovak University of Technology – Faculty of Architecture

Secondary School of Civil Engineering – Department of Construction

References