

— // DESIGN TECHNOLOGY · DIGITAL TRANSFORMATION

# Tryfon Foteinopoulos

LOCATION

London, UK

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## ## about

Tryfon leads digital transformation in architectural practice — the work of changing how a practice produces architecture by aligning technology, processes, standards and people.

As Head of BIM at WilkinsonEyre he directs this across a use-case-based design technology strategy, an ISO 19650 information management framework, practice-wide AI deployment with the underlying information architecture for agent access, and capability development across BIM, computation and applied AI.

Architect by training; previously at Atkins, Foster + Partners, SOM, Heatherwick Studio and Pilbrow & Partners. Co-authored the open-source [Future AEC Software Specification](#) with thirteen peer UK practices, informing strategic direction at multiple AEC software vendors.

## ## qualifications

**MSc Architectural Computation** — Merit  
Bartlett, UCL · 2023

**Master's in Architectural Engineering** — Distinction  
University of Patras, Greece · 2011

### Registered Architect

Technical Chamber of Greece · No. 127001

## ## languages

Greek native

English fluent

experience

12 roles · 2008 → present

## Head of BIM · WilkinsonEyre (Global)

• Aug 2021 – present · London, UK

### // STRATEGY & GOVERNANCE

- Establishing a use-case-based digital design strategy, and leading the organisational change to initiate, monitor and continuously improve its adoption across the practice.
- Strengthened the practice's information management framework against ISO 19650 / UK BIM Framework — standards, policies, procedures and production manuals.
- Building strategic partnerships with peer practices, industry bodies and software vendors to advance sector-wide digital transformation.
- Co-authored the open-source *Future AEC Software Specification* — a UK collective of 14 practices articulating next-generation AEC software requirements, informing strategic direction at multiple AEC software vendors.

### // TECHNOLOGY & TRANSFORMATION

- Leading software and hardware strategy for multi-user BIM and design technology platforms in collaboration with IT — from pre-qualification and procurement through deployment and lifecycle management.
- Leading the evolution of the practice's design technology toolkit — project template, content library and CAD-BIM interoperability workflows — to align standardised production with the use-case-based strategy and bridge Autodesk Revit limitations on complex geometry and non-graphical data.
- Introduced model performance monitoring and task automation across the practice — model health checks, automated documentation and modelling routines.
- Leading practice-wide deployment of AI tooling and configuring the underlying information architecture for AI-agent access and information governance.
- Designing custom AI assistants for practice workflows such as bid response, through prompt engineering and knowledge curation.
- Identifying and evaluating emerging digital design tools and workflows — including next-generation BIM platforms — for adoption within the practice.

### // CAPABILITY & PRACTICE

- Leading, mentoring and developing a team of BIM Coordinators and Technicians, an Information Manager and a BIM Manager.
- Overhauled the practice's BIM capability and maturity assessment at organisational, individual and project level, informing training, hiring and staffing decisions.
- Designing and delivering the practice's training programme on design technology, covering software, processes and computational thinking.

### // PROJECT DELIVERY

- Leading project BIM strategy across the portfolio in collaboration with project teams — setting model-based deliverables, workflows and processes aligned with client information requirements and organisational standards.
- Reviewing appointments and contractual information management terms, supporting bids and representing the practice's BIM capability in business development.

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## ## domain\_expertise

- 01 Digital Transformation & Organisational Change
- 02 BIM Strategy & Governance
- 03 Information Management — ISO 19650 / UK BIM Framework
- 04 Technology & Vendor Strategy
- 05 Capability Assessment & Development
- 06 Computational Design & Automation
- 07 Interoperability & Data Exchange
- 08 AI in AEC

## ## tech\_stack

## &gt; MODELLING &amp; AUTHORING

## PRIMARY

Autodesk Revit McNeel Rhino

## WIDER EXPERIENCE

Autodesk Forma AutoCAD

Bentley MicroStation 3DS Max

## UNDER EVALUATION - BIM 2.0

Qonic Motif

## TRACKING

Snaptrude Finch ArcoL Hypar

## &gt; COMPUTATIONAL DESIGN &amp; PROGRAMMING

Grasshopper Rhino.Inside.Revit

Dynamo for Revit Python C#

PowerShell Revit API Rhino API

Git

experience

cont.

**BIM Manager · Pilbrow & Partners**

Jan 2020 – Jul 2021 · London, UK

## PROJECTS

- > *EDGE London Bridge*, London – ~40,500 m<sup>2</sup>
- > *Walthamstow EMD Cinema*, London – ~6,000 m<sup>2</sup>
- > *8 Albert Embankment*, London

## // STRATEGY &amp; GOVERNANCE

- Kickstarted the practice's digital design strategy as the sole practice-wide BIM and information management lead — aligning BIM and design technology direction with organisational objectives.
- Authored the practice's organisational BIM standards aligned with ISO 19650 / UK BIM Framework.
- Contributed to bid responses and advised senior management on contractual information management terms.

## // TECHNOLOGY &amp; TRANSFORMATION

- Led the practice's BIM and design technology software adoption strategy — pre-qualification, evaluation and deployment decisions.
- Built and maintained the practice's design technology toolkit — project template and content library — to support standardised project delivery.

## // CAPABILITY &amp; PRACTICE

- Designed and delivered the practice's BIM software training programme.

## // PROJECT DELIVERY

- Authored project-specific BIM strategies, BEPs and ISO 19650 supporting documentation — TIDPs, MIDPs, Responsibility Matrices, Information Production Methods — aligned with client information requirements and organisational standards.
- Designed project-specific modelling strategies and computational interoperability workflows — accommodating design intent, bridging Autodesk Revit limitations on complex geometry and non-graphical data, and meeting information requirements.
- Administered the Common Data Environment (CDE), Autodesk Revit central models, add-in deployment and licensing for the practice's active projects.

**BIM Coordinator · Heatherwick Studio**

May 2018 – Jan 2020 · London, UK

## PROJECTS

- > *Changi Airport, Terminal 5*, Singapore – ~2,100,000 m<sup>2</sup>
- > *Google Landings*, Mountain View, California – ~74,300 m<sup>2</sup> office

## // STUDIO-WIDE CONTRIBUTION

- Developed studio-wide interoperability tools and workflows.
- Contributed to the studio's design technology strategy and BIM standards.

## // PROJECT DELIVERY

- Established BIM workflows and processes across both projects.
- Monitored models against BIM standards and project BEPs for quality and performance.
- Designed project-specific parametric modelling and Rhino–Revit interoperability workflows to translate the studio's complex design geometry into Revit.
- Surfaced rationalisation back to the design team where geometry exceeded Revit's authoring capabilities.
- Built custom tools to automate modelling and documentation, optimising design and delivery workflows.
- Contributed to BEPs covering information requirements, modelling strategy and delivery protocols.
- Represented the studio in BIM meetings with clients and consultants, negotiating and clarifying BIM scope and deliverables.
- Delivered software training to the project team, embedding BIM and computational thinking.

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## ## tech\_stack (cont.)

## &gt; COORDINATION, IM &amp; DATA EXCHANGE

## PRIMARY

ACC Navisworks SharePoint

## WIDER EXPERIENCE

Solibri Revizto BIMcollab

## UNDER EVALUATION

Speckle

## &gt; OPERATIONS &amp; ANALYTICS

Imaginit Clarity

Microsoft Power BI

## &gt; AI TOOLING &amp; APPLIED AI

## AGENTIC &amp; DEVELOPMENT

Claude Code OpenAI Codex

MCP integrations

## ASSISTANTS

Anthropic Claude

Microsoft Copilot OpenAI ChatGPT

## &gt; VISUALISATION

## PRIMARY

Twinmotion Chaos Enscape

## WIDER EXPERIENCE

D5 Render V-Ray

## AI-DRIVEN · UNDER EVALUATION

Gendo Chaos Veras Visoid

Renderai Gemini Image (custom)

## TRACKING

xFigura

experience

cont.

**Architect / BIM Consultant (contract)** · Feb – Apr 2018 · London, UK  
**SOM**

## PROJECT

&gt; Greenwich Peninsula Upper Riverside, London – 5 towers, 1,007 apartments

## // ARCHITECTURAL TECHNICAL DESIGN – RIBA 4-5 (DESIGN-BUILD)

- Delivered detail design for façade and internal metalwork packages.
- Authored complex parametric Revit families at component-level detail, conforming to Revit's parametric systems.
- Fully automated production pipeline for 1,000+ unit conveyance plans, displacing weeks of manual drafting from the delivery programme.
- Coordinated multi-disciplinary design with specialist consultants and engineers across the design-build interface, through model-based clash-report cycles.
- Maintained Revit model quality across the packages.

**Architect / BIM Consultant (contract)** · Sep 2017 – Jan 2018 · London, UK  
**Foster + Partners**

## PROJECT

&gt; Sydney Metro

## // PRELIMINARY DESIGN – FRONT OF HOUSE (BS 1192)

- Developed preliminary design for internal cladding.
- Established parametric Revit family systems and Rhino–Revit interoperability workflows for complex curved geometry exceeding Revit's native authoring capabilities.
- Authored presentation drawings communicating complex curvature.
- Maintained Revit model quality and BS 1192 compliance across the cladding package.

**Project BIM Lead · Bryden Wood** Jun – Sep 2017 · London, UK

## PROJECT

&gt; Ministry of Justice, Prison Reform Programme

## // INFORMATION MANAGEMENT – BIM LEVEL 2

- Established the project's modelling strategy and information structure, configuring the Revit model as a data source for the practice's analytics team.
- Managed Uniclass 2015 data attribution across the model, supporting downstream data extraction for design and delivery analytics.
- Maintained Revit model quality across the design team's output.
- Delivered Revit training and ongoing support to the design team.

**Project Architect · Bryden Wood** Jan – Jun 2017 · London, UK

## PROJECT

> Igos Headquarters, Phase 8, Cologne, Germany – 28,900 m<sup>2</sup> · €50m

## // DESIGN DEVELOPMENT – RIBA 2-4, BIM LEVEL 2

- Developed the design across RIBA Stages 2–4.
- Coordinated in-house MEP, structural and DfMA systemisation teams alongside external consultants.
- Authored complex parametric Revit families and project schedules to support design iteration and delivery.
- Drafted the project BEP, setting modelling strategy and information requirements aligned with the practice's BIM standards.
- Maintained Revit model quality across the design team's output.
- Mentored junior architects on project workflow and Revit modelling.

**Architect · Atkins** 2015 – 2016 · Doha, Qatar

## PROJECT

&gt; Doha Metro, Red Line South, Doha – €1.9bn

## // DESIGN DEVELOPMENT – STATIONS, SUBWAYS &amp; ENTRANCES (BIM LEVEL 2)

- Developed architectural design for stations, subways and entrances.
- Authored Revit families and project schedules, structuring data to meet the employer's information requirements.
- Developed fire and life safety drawings to NFPA standards.
- Maintained design and model quality against the employer's requirements and project BEP.
- Coordinated design with structural and mechanical engineers, the branding architecture consultant and the main contractor.

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## ## early\_career\_recognition

## AWARDS / COMPETITIONS

First prize, Patras School of Architecture new Building competition 2006  
— restricted competition; with Ioannis Salesiotis.

## EXHIBITIONS (SELECTED)

9th Biennale of Architecture in Venice — Greek participation *Paradigms* 2004  
*Athens, Metropolis by Mistake*, Bios, Athens 2004  
*Diatopia – Stemnitsa.net*, GazonRouge, Athens 2003

## PRESS / PUBLICATIONS

*Time Magazine*, "Taking a stand on stage", J. Inverne 2003  
*I Kathimerini*, "Diatopia: Work in Progress", V. Theodoropoulou 2003  
*Architektones 41*, "Traces of Landscape – Place Networks", A. Kotsaki 2003  
*METALOCUS*, vol 15, "Memo la Chanea" 2004  
*Constructing the Public Sphere: Topical Works 2002–07*, Lab. for Visual Arts, Univ. of Patras 2007

## ACADEMIC PUBLICATIONS

*Constructing the Image: Architecture through Media, Marketing & Political Communication (Le Corbusier – Rem Koolhaas)* — Master's research project, University of Patras.

experience

cont.

## Architect · Independent Practice

2011 – 2014 · Athens, Greece

## // ARCHITECTURAL AND VISUALISATION SERVICES

- Delivered architectural design services from concept through technical design across residential, hospitality, retrofit and public realm projects.
- Provided 3D modelling and visualisation services to peer architectural practices.
- Conducted KENAK energy performance certifications.
- Delivered design and visualisation software training to peer architects.
- Mentored an intern architect.

## INDICATIVE PROJECTS

- > *Retrofit industrial building*, Lavrio – 2,000 m<sup>2</sup> mixed-use · €750k
- > *Two summer residences*, Skiathos – 350 m<sup>2</sup> · €700k
- > *Residence in Kantza*, Attica – 200 m<sup>2</sup> · €500k
- > *Hotel Amalia lobby*, interior, Athens – €300k
- > *Residence in Cholargos*, Attica – 250 m<sup>2</sup> · €150k
- > *Exhibition Pavilion*, Frigomech SRL, Romania
- > *Interweaving – Plateia Eleftherias*, international competition, Thessaloniki

## Architect (contract) · ATEN Architects

2011 – 2012 · Athens, Greece

## PROJECTS

- > *51st public junior high school*, Athens
- > *42nd public high school*, Athens
- > *Public school for the disabled*, Chios Island

## // PUBLIC-SECTOR ARCHITECTURE

- Developed architectural design for public school projects through concept and design development stages.
- Produced 3D modelling and visualisations for design communication and stakeholder review.

## Junior Architect · PETRA Consulting Architects

2010 – 2011 · Athens, Greece

## PROJECTS

- > *Kerani Underground Station*, Athens – €150m
- > *Taiwan Tower*, international conceptual design competition

## // ARCHITECTURAL DESIGN AND VISUALISATION

- Contributed to architectural design across concept, design development and technical design stages.
- Produced 3D modelling and visualisations for design communication and competition submissions.
- Coordinated with structural and mechanical engineers.
- Configured the practice's render farm to support visualisation workflows.

## Intern Architect · Private Practice

2008 – 2009 · Athens, Greece

## PROJECT

- > *Monastiraki Square*, Athens historical centre

## // STREET FURNITURE &amp; METRO VENTILATION ENCLOSURES

- Produced 3D modelling and visualisations for design exploration.
- Drafted plans, sections and architectural details.