



JACOB LEONARD DIBBLE

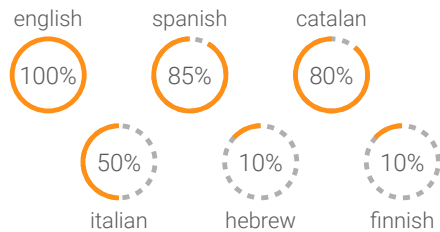
contact

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professional profile

Creative, yet quantitative approaches. Focus on how our environments influence our habits and perceptions. Classic and innovative approaches with new solutions and techniques.

languages



international experience



software

Adobe Creative Suite	●●●●●○
ArcGIS / QGIS	●●●●●●●○
AutoCAD	●●●●●○
DepthMap (Spatial Analysis)	●●●●●●●○
Microsoft Office	●●●●●●●●
Sketchup (Pro)	●●●●●●●○
SPSS (Statistics)	●●●●●○
Y-ed (Network Analysis)	●●●●●●●●

education

- 2016 **PhD Urban Design (Architecture)**
University of Strathclyde, Glasgow (UK)
Urban Morphometrics: Towards a Science of Urban Form
Development and statistical validation of a process of Urban Design termed 'Urban Morphometrics', a system of objectively measuring, assessing and interpreting the urban form.
- 2012 **MSc Urban Design (with distinction)**
University of Strathclyde, Glasgow (UK)
- 2009 **BSc Mathematics & Spanish**
University of Illinois, Urbana-Champaign (USA)

work experience

- 2017-now **1=2 Urban Design | Independent Urban Design Consultant**
Independent urban design projects and consultations focusing on spatial analysis, network + centrality assessments, mobility + transportation, and traditional urbanism. Current projects include Kilkenny bike-share study and Street Fronts collaboration.

select client list:
 - Strelka KB - Moscow, RU
✉ Monika Konrad konrad@strelka-kb.com
 - SPIN Unit Lab - Helsinki, FI
✉ Damiano Cerrone damiano@spinunit.eu
 - Redas Engineering - Monza, IT
 - University of Strathclyde - Glasgow, UK
 - Mark Greaves Urbanism - Glasgow, UK
 - Architecture + Design Scotland (A+DS) - Edinburgh, UK
- 2017-17 **Lead Spatial Analyst**
Systematica, Milan (Italy)
Head of spatial analysis for fixed term collaboration. Modelling of enclosed shopping centre movement patterns and validation of movement design. Large-scale urban mobility and transportation analysis.

key projects:
 - Torrance (USA) - assessment of self-organisational patterns of development and movement, large-scale Space Syntax and formulation of strategic goals.
 - KL118 (Malaysia) 'Shopable Equilibrium' theory development, including conceptualisation of principles of retail movement patterns and evaluation of architectural proposals.
 ✉ Rawad Choubassi r.choubassi@systematica.net

academic work

Publications

Space Syntax as a Foundation for a Transport Development Strategy

2019 Space Syntax Symposium

On the Origin of Spaces

Morphometric Foundations of Urban Form Evolution. Environment and Planning B, 2017

Form and Urban Change

An Urban Morphometric Study of Five Gentrified Neighbourhoods in London. Environment and Planning B, 2016

Urban Morphometrics: Towards a Science of Urban Evolution

[Conference Paper] 22nd International Seminar on Urban Form, Rome (Italy)






Teaching

Tampere University of Technology
Guest Lecturer (upcoming)

University of Strathclyde
Guest Lecturer


Czech Technical Institute
Guest Lecturer

professional interests

- Transportation + Mobility 
- Comparative Analysis 
- Masterplanning 
- Sustainable Design 
- Interdisciplinary Projects 

work experience (continued)

- 2012-16 **Urban Design Consultant**
Willie Miller Urban Design, Glasgow (UK)
Project-specific work commencing upon completion of MSc in Urban Design. Willie Miller Urban Design is one of the few exclusive urban design practices in Scotland. Involvement in the capacities of network + centrality surveys, spatial analysis, design process facilitation, urban morphometrical assessments and analytical and quantitative analysis. Projects spanned research studies, strategic developments, design competitions, regeneration strategies and large public engagement events.

Key Projects:
 - Port Dundas Charrette
 - Barras Regeneration Framework
 - Dumbarton Development Strategy
 - GIA Connecting the 7 Lochs Analysis Competition
 - Leven Concept Design Study
 - Royston Community Vision and Strategy Willie Miller wim@williemillerurbandesign.com

honors + awards

- | | | |
|--|---|---|
| Urban Promogiovani VI Milan 2014

1st place
<i>by international jury vote</i>
 | Prince's Foundation and Architecture + Design Scotland

full scholarship
<i>PhD research funding</i>
 | Royal Incorporation of Architects in Scotland

1st place
<i>urban design student award</i>
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|--|---|---|

- 2012 **Royal Incorporation of British Architects:**
Short-Listed Student Award
- 2012 **Urban Design Group**
UK Student Award Nominee
- 2011 **University of Strathclyde**
International Student Scholarship
- 2005 **Tulane University**
Merit Award Scholarship

volunteer work

- 2014-15 **Service Volunteer**
Glasgow City Life, Glasgow (UK)
Aiding adults with disabilities in activities and events.