James McBennett

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EDUCATION

2022/23
Institute of Advanced Architecture Catalonia (IAAC)
Master of Advanced Computation in Architecture and Design
Environmental and Structural Optimization, Complex Geometry, Cloud-Based Computing, Theory, AI, Graph Machine Learning.

2019
University of Michigan / EdX
Micromasters on UX Design

2009-11
Architectural Association (AA)
Dip/M.Arch - Incomplete
Components, Networks, Embodied Landscapes, Technomimetics, Possibility of Absolute Architecture, Environmental Design, Myths & Theories of Sustainability
All courses passed other than studio

2004-07
University College Dublin (UCD)
BSc. Architecture

OTHER SHORT COURSES

2023 - CS50x - Harvard
2023 - Data Science - Datacamp
2023 - Intm Python - Datacamp
2021 - Python in Rhino3D - UMich
2019 - Science & Cooking - Harvard
2016 - Superheroes - Smithsonian
2014 - Entrepreneur - UCambridge
2013 - Tech Driven Innovation - LSE
2008 - D_Lab / Maya - AA
2007 - rAndom International - AA

MISCELLANEOUS

2014 - Advisor to TEDxDublin
2013 - OpenIDEO Competition Winner
2013 - IDEO Design-a-thon Winner
2013 - Semi-Finalist Web Summit
2012 - Advisor to TEDxLondon
2011 - Led TEDxGoodenoughCollege

WORK

2023 - present - IAAC Faculty
Teaching Complex Forming on advanced Grasshopper3D

2013-17 - Furniture & Fabrication
Design and digital fabrication for film sets, exhibitions and custom furniture.
 Startup Chile (CORFO) - $40k Grant
 Kickstarter - $40k from backers

INTERNSHIPS

Concept Design, Model Making, Digital Fabrication, Meeting Clients, Diagramming, Competitions, Graphic Design and Project Leadership.
- 2009 OMA
Education CIty, Doha
Prada Transformer, Korea
- 2008 JDS
Kalvebrod Bygge, CPH
Albenga Marina, Italy
Big Brother House, Ordos
Nordhavn, CPH
Hollmenkollen, Oslo
- 2007 KPF
Smithfield Market, London
Kutuzovsky, Moscow

SKILLS

Used in the last year: Rhino3D / Grasshopper3D / Kangaroo / Karamba / Revit / Photoshop / Illustrator / Indesign / Auditition / AfterEffects / HTML / CSS / Python / C / Javascript / ThreeJS / Vue

Not used in the last year: 3DS Max / Maya / AutoCAD / Microstation / Vectorworks / Sketchup / CNC / Laser / 3DPrint / C / Balsamiq / UserTesting / Sketch / Processing

LANGUAGES

English - Native / Fluent
French - Limited Working Proficiency

TEACHING

- Computational Geometry
2021 - Adv. Geometry - HackadayU
2021 - Intro to 3D - HackadayU
2018 - NYC Resistor
- Digital Design & Fabrication
2012 - M.Arch UCD
2009 - Summer School UCD
- Guest Critic in Architecture
2021 - Oxford Brookes
2012-14 - Architectural Association
2012 - University of Westminster

LECTURES / TALKS

- Entrepreneurship / Marketing
2012 -15 - ÉPFL, ÉSCP, University College Dublin, London School of Economics, Universidad del Desarrollo, City University London
- Design
2018 - Pecha Kucha, Nashville, TN
2013 - Ignite Talk, Santiago, Chile
2012 - General Assembly - 3D Printing
2012 - Google Campus London
2012 - Microsoft HQ Europe
2012 - Eventbrite HQ Europe
2011 - TED2012 Finalist Auditions

SELECTED PRESS

2014 - Creative Commons - Xmas
2013 - PBS - Innovation in Chile
2014 - Make Magazine - Newsletter
2014 - Fast Company - Printed Libraries
2013 - Wired UK - Startup Of The Month
2013 - BBC - Chairs: Show The Future
2013 - Fortune - Ikea Meet Its Maker(s)
2013 - Swissmiss - Newsletter

EXHIBITIONS

2023 - 3 works at IAAC Final Year show
2023 - Extinction Museum WWF Finalist exhibited in Naples, Italy
2012 - Helsinki World Design Capital, represented Ireland with 'Everyday Discoveries'
2012 - Doodle Bar with Alsop / Nouvel
2010-11 - AA End of Year Show