

WORK

2013/17 - Furniture & Fabrication

Digital fabrication for film sets, exhibition fit-outs and custom furniture using CNC.

2013 - Startup Chile - \$40k Grant

- Purchased 8ft x 4ft CNC
- Kickstarter - \$40k from backers

2007/09 - Architecture Internships

Conceptual 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

Digital Geometry - Rhino / Grasshopper / 3DS Max / Maya / AutoCAD / Microstation / Vectorworks / Sketchup & more

Fabrication - CNC / Laser / 3DPrint

Print - Photoshop / Illustrator / Indesign

Code - HTML / CSS / C / Python / Rhinoscript / MELscript / Actionsript / Wordpress

UX - Balsamiq / UserTesting / Sketch

General - Word / Excel / Powerpoint Docs / Mac / Windows

EDUCATION

Short Courses

2021 - Python in Rhino3D - UMich
2019 - Science & Cooking - Harvard
2016 - Superheroes - Smithsonian
2016 - Japanese Architecture - UTokyo
2016 - Grammar & Writing - UC Berkley
2014 - Entrepreneurship - UCambridge
2013 - Tech Driven Innovation - LSE
2013 - Business Fundamentals - LSE
2008 - D_Lab / Maya - AA
2007 - rAndom International - AA

MicroMasters - EdX.org

2019 - UX Design & Research - UMich

AA M.Arch / Dip16 (Incomplete)

2011 - Component and System
2011 - Networks & Flow
2010 - Technomimetics
2010 - Embodied Landscapes
2009 - Possibility of Absolute Arch
2009 - Environmental Design
2009 - Myths & Theories Sustainability
2009 - Parametric Architecture
2009/10 - Unit 16 Studio (Incomplete)

University College Dublin

2004/07 - BSc. Architecture

TEACHING EXPERIENCE

Designing with Adv. Geometry

2021 - Online - HackadayU

Introduction to 3D

2021 - Online - HackadayU
2018 - NYC Resistor

Digital Design & Fabrication

2012 - M.Arch University College Dublin
2009 - Now What Summer School UCD

Guest Critic in Architecture

2021 - Oxford Brookes
2012/14 - Architectural Association
2012 - University of Westminster

LECTURING EXPERIENCE

Entrepreneurship & Marketing

2015 - École Polytechnique Fédérale de Lausanne
2014 - École Supérieure de Commerce de Paris
2014 - University College Dublin
2014 - London School of Economics
2013 - Universidad del Desarrollo
2012 - City University London

Future of Making

2012 - General Assembly
2012 - Google Campus London
2012 - Microsoft HQ Europe
2012 - Eventbrite HQ Europe

Additional Talks

2018 - Pecha Kucha, Nashville, TN
2013 - Ignite Talk, Santiago, Chile
2011 - TED2012 Finalist Auditions

SELECTED OTHER PROJECTS

2014 - Advisor TEDxDublin
2014 - Organizer - Silicon Drinkabout
2013 - OpenIDEO Competition Winner
2013 - IDEO Hackathon Winner
2013 - Semi-Finalist Dublin Web Summit
2012 - Advisor = TEDxLondon
2011 - Lead - TEDxGoodenoughCollege

SELECTED PRESS

2014 - Creative Commons - Xmas List
2014 - PBS - Innovation in Chile
2014 - Make Magazine - Newsletter
2013 - FastCompany - 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

INTERESTS

Group Road Running / Marathon
Long Distance Open-Water Swimming
Innovation in Design and Business
Philosophy