

LE

LAURENCE ELSDON

CONTACT

Email le@studiole.uk

SKILLS

CAD / BIM

Revit, AutoCAD, MicroStation, FormIt, 3ds Max, SketchUp, Rhino, Cura

COMPUTATIONAL DESIGN

Dynamo, Refinery, Grasshopper, C#, WPF, Revit Add-Ins, Forge Design Automation API

ADDONS / RENDERING

Enscape, BIM 360, Green Building Studio, V-Ray, Autodesk 360 Cloud Render, Insight 360

GRAPHICS / OFFICE

Photoshop, InDesign, Illustrator, Fireworks, Office Tools

MODEL MAKING

Hand, CNC Laser Cut, 3D Printing, Makerbot, LulzBot

APPLICATION DEVELOPMENT

JavaScript, Node.js, C#, WPF, AngularJS, PHP, Laravel, Docker, Nginx, AWS, S3, CloudFront, EC2, CloudFlare

WEBSITE

Portfolio <https://studiole.uk>

ACHIEVEMENTS

VISUAL DIFF / JULY 2019

Awarded second place at the Dynamo and Generative Design Hackathon in Toronto. Developed with Michael van Telgen, Robert Wood - Visual Diff is a view extension for Dynamo to visually compare the differences between two Dynamo Graphs in order to improve collaborative workflows in visual programming.

BINOCULARS / APRIL 2019

Awarded first place at the Dynamo and Generative Design Hackathon in London. Developed with Caoimhe Loftus, Deyan Nenov, and Wayne Dalton - Binoculars is a view extension for Dynamo that records the use of scripts and graphs providing your organisation or design practice insight into the use of Dynamo in your computational design workflows.

GRAPHING THE CITY / JANUARY 2017

Distinction (Exemplary) for my master's dissertation in which I developed an application to diagrammatically reduce the places of interest within a city to an identity graph. I then analysed the graph using graph theoretic social network analysis to quantitatively and objectively explore the commonalities and unique elements of a city's architectural identity.

LIFESTYLE LEGEND DESIGN AWARD / JUNE 2014

Awarded the Lifestyle Legend Design Award by Architects in Mission for Nomad Experience the collaborative entry between the architectural assistants at RHWL Architects to the Legend of Tent competition.

RELEVANT EXPERIENCE

ARCADIS / JANUARY 2019 - JANUARY 2020

Developed computational and parametric design methods to improve the efficiency and productivity of workflows for the delivery of early stage capacity studies and masterplans for residential design in both urban and rural contexts using Dynamo and Grasshopper within a 100% BIM environment.

FEILDEN + MAWSON / SEPTEMBER 2017 - JANUARY 2019

Considerable Stage 3 and 4 experience on residential projects including: Producing technical design drawings for the refurbishment and single storey extensions of a Grade II listed clunch Farmhouse and the conversion of outbuildings and barns into additional living and leisure accommodation.

Assisted with the production of fire strategy drawings and report for a new build Automated Storage and Retrieval System (ASRS) warehouse and despatch link building for a large commercial project.

Worked closely with the project architect to produce the detailed design for 220 new build dwellings consisting of apartments and townhouses on a sensitive riverside site within an urban context. The scheme also includes 450 m² of commercial space and the retention and renovation of several heritage assets including Grade II listed cottages and the remains of the City Wall, a scheduled ancient monument.

RHWL ARCHITECTS (NOW AEDAS) / SEPTEMBER 2013 - SEPTEMBER 2014

Extensive experience from Stage 0 to Stage 5 across a wide range of building programmes including residential, hotels, education, and commercial. Highlights included working directly with the principal director to produce sketch capacity studies for potential hotel sites, being given responsibility to develop the initial sketch proposal for a residential masterplan in North London for 90 dwellings including a mixture of apartments and townhouses, and producing drawings to achieve listed building consent for alterations to a unique country hotel and former rectory.

ADEPT DESIGN / NOVEMBER 2009 - JULY 2010

Designed and developed websites at a design agency in Norfolk, working for a variety of clients including notable charities.

EDUCATION

MASTER OF ARCHITECTURE / SEPTEMBER 2015 - JUNE 2017

NORTHUMBRIA UNIVERSITY Distinction

ARCHITECTURE BA (HONS) / SEPTEMBER 2010 - JUNE 2013

NORTHUMBRIA UNIVERSITY Upper Second (2:1)

A LEVEL / SEPTEMBER 2007 - JULY 2009

NORWICH SCHOOL Art and Design (Graphics), Mathematics, Physics