New Course: Essential Algorithms & Data Structures for Grasshopper

COST: 100% Free

The course introduces effective methodologies to develop complex 3D modeling algorithms using Grasshopper, the generative modeling environment for Rhino. It also covers extensively the data structure adopted by Grasshopper and its core data organization and management tools.

Once enrolled, the course will be open for 6 months! Enroll for free now.

The course is organized into 6 units, and each unit will take approximately 2-6 hours per unit to complete

If you are a beginners, we strongly recommend that you go through the units in order.

Our online courses do not qualify for proof of academic status for a **Rhino educational license as we are not an accredited school offering a degree program.*

MEET YOUR TEACHER

Rajaa Issa is a developer, researcher and educator in the field of computational design in architecture. As a Software Developer at Robert McNeel & Associates, she builds solid modeling and surface editing tools to support the architectural design and fabrication processes. She taught numerous university courses and workshops and her pedagogical method is centered around building strong foundational knowledge in mathematics, algorithms, and fabrication to bridge the gap between intuitive and algorithmic thinking among creative designers. She has authored a series of publications on parametric and computational design essentials, which are popular among both students and professionals.

She holds graduate degrees in architecture and computer science and

she lives with her family in San Diego, California.