

Buckminster Fuller

ARCHITECT » INVENTOR » FUTURIST

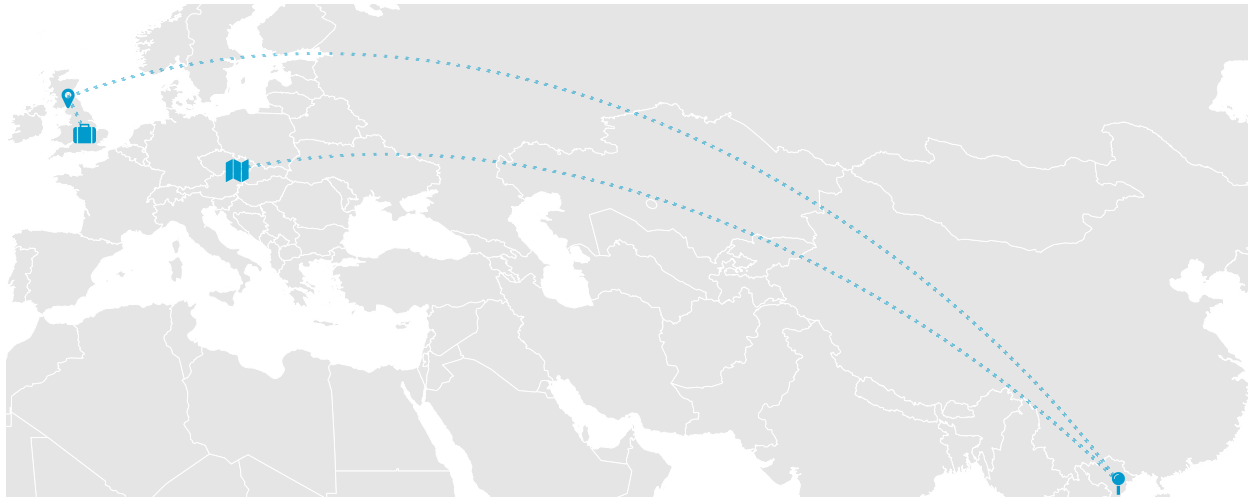
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When I am working on a problem, I never think about beauty but when I have finished, if the solution is not beautiful, I know it is wrong. We are called to be architects of the future, not its victims. There is nothing in a caterpillar that tells you it's going to be a butterfly. Love is metaphysical gravity. Don't fight forces, use them. Integrity is the essence of everything successful. Everyone is born a genius, but the process of living de-geniuses them.

✈ My journey



📍 Leicester, UK

- attended Milton Academy in Massachusetts
- began studying at Harvard College
- was expelled from Harvard twice
- worked as a mechanic in a textile mill
- worked as a laborer in the meat-packing industry

2000 - 2011

📍 Edinburgh, UK

- served in the U.S. Navy in World War I
- worked as a shipboard radio operator
- worked as an editor of a publication
- worked as commander of the crash rescue boat USS Inca
- acquired management experience in the meat-packing industry

2011 - 2015

📍 Hanoi, VN

- married Anne Hewlett
- developed the Stockade Building System for fireproof housing
- experienced a profound incident that I belong to the Universe
- profoundly re-examined my life
- resolved to think independently

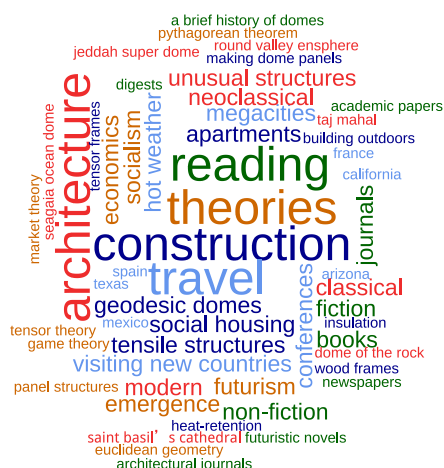
2015 - 2017

📍 Brno, CZ

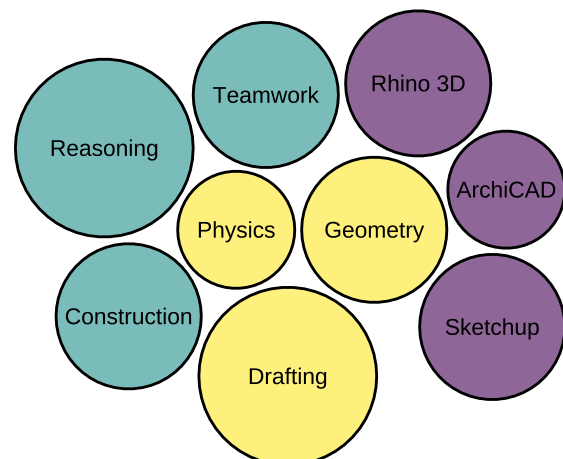
- committed to search for the principles governing the universe
- accepted a job decorating the interior of the café Romany Marie's
- worked in exchange for meals
- gave informal lectures at the cafe several times a week
- reinvented the geodesic dome

2016 - Present Day

⚙ Interests



🧠 Skills



Specialisation in Dome Theory

BLACK MOUNTAIN COLLEGE

- employed by the Marines to make small domes
- constructed first "continuous tension – discontinuous compression" geodesic dome at the University of Oregon

 EDUCATION

Brno, CZ

May 2021 - Aug 2021

Higher Dipoloma Spanish Language

BRNO TECHNICAL COLLEGE

- served as a research professor of 'design science exploration' at the Southern Illinois University
- promoted to university professor in 1968 and distinguished university professor in 1972

 EDUCATION

Brno, CZ

Sep 2019 - Sep 2020

PhD in Geodesic Domes (with scholarship)

NORTH CAROLINA STATE UNIVERSITY

- documented my life, philosophy and ideas scrupulously by a daily diary
- financed some of my experiments with inherited funds

 EDUCATION

Brno, CZ

Jan 2019 - Aug 2021

Coordinator

- inaugurated the World Design Science Decade (1965 to 1975) at the meeting of the International Union of Architects in Paris
- held a joint appointment at Southern Illinois University
- held a joint fellowship at a consortium of Philadelphia-area institutions, including the University of Pennsylvania

 EXTRACURRICULAR

Aug 2018 - Present Day

Volunteer

- worked as a designer, scientist, developer, and writer including lecturing for many years around the world
- collaborated at SIU with John McHale

 EXTRACURRICULAR

Jan 2016 - Mar 2019

Event Organiser

- appointed by University of Pennsylvania as university professor emeritus in 1975
- named as the 1969 Humanist of the Year by the American Humanist Association
- key participant at UN Habitat I, the first UN forum on human settlements

 EXTRACURRICULAR

Apr 2015 - Jun 2017

Master's Degree in Architecture

NORTH CAROLINA STATE UNIVERSITY

- successfully built huge geodesic domes during the 1950s
- lectured at North Carolina State University in Raleigh in 1949

 EDUCATION

Edinburgh, UK

Feb 2011 - Dec 2015

Master Dome Builder

SOUTHERN ILLINOIS UNIVERSITY

- taught at Black Mountain College in North Carolina during the summers of 1948 and 1949
- served as its Summer Institute director in 1949

 EXPERIENCE

Leicester, UK

Apr 2010 - Mar 2011

BA in Architecture (First Class Honours)

UNIVERSITY OF CALIFORNIA

- licensed ability to design geodesic domes to Geodesics, Inc. and Synergetics, Inc
- helped by Richard Lewontin to devise computer calculations for the lengths of the domes' edges

 EDUCATION

Leicester, UK

Sep 2007 - Dec 2010

Certificate in Business Economics

ILLINOIS EVENING SCHOOL

- co-founded the architectural firm Fuller & Sadao Inc. in 1964 with architect Shoji Sadao
- designed the large geodesic dome for the U.S. Pavilion at Expo 67 in Montreal

 EDUCATION

Leicester, UK

Sep 2005 - Jun 2006

Performer and Speaker

CALIFORNIA STATE THEATER

- participated in a theatrical performance of Erik Satie's Le piège de Méduse produced by John Cage
- broke through my inhibitions to become confident as a performer and speaker

 EXPERIENCE

Leicester, UK

Mar 2001 - Aug 2009

Sign Painter

SELF-EMPLOYED

- reinvented the geodesic dome
- constructed early model in 1945 at Bennington College in Vermont

 EXPERIENCE

Leicester, UK

Mar 2001 - Oct 2008

Chief Executive Officer

GEODESICS INC.

- erected a geodesic dome building that could sustain its own weight with no practical limits
- suspended several students from the structure's framework started company Geodesics, Inc.

 EXPERIENCE

Leicester, UK

Jan 2000 - Feb 2004