



ALEXANDRU CRACIUN

INTERN ARCHITECT

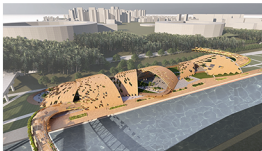
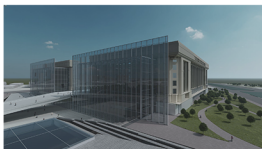
[ISSUU.COM/CRACIUN_ALEXANDRU/DOCS/PORTFOLIO](https://issuu.com/craciun_alexandru/docs/portfolio)

[ALEXANDERCRACIUN.NETLIFY.APP/](https://alexandercraciun.netlify.app/)

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PROJECTS



SKILLS

PHOTOSHOP
ILLUSTRATOR
INDESIGN
ARCHICAD
REVIT
RHINO
GRASSHOPPER
3DS MAX
LUMION
HTML/CSS
PYTHON

LANGUAGES

ROMANIAN

RUSSIAN

ENGLISH

GERMAN

FRENCH

KEY-STRENGTHS

● **ARCHITECTURAL & ARTISTIC VISION:** POSSESS A RIBA-ACCREDITED MASTER'S DEGREE IN ARCHITECTURE WITH A COMPREHENSIVE UNDERSTANDING OF ARCHITECTURAL CONCEPTS, SPACE, TEXTURES, COMPOSITION, ABILITY TO ABSTRACT COMPLEX IDEAS, UNDERSTAND RHYTHM AND SHAPE, READ CONTEXTUAL CUES, CREATE A NARRATIVE, AND A HOLISTIC ARTISTIC VISION GAINED AFTER 10 YEARS OF EXPERIENCE IN PAINTING, SCULPTING, ART HISTORY, COMPOSITION, AND HAND-MADE MODELS, WHICH CAN ENHANCE THE QUALITY OF PROJECTS.

● **TECHNICAL PROFICIENCY:** POSSESS A DEEP INTERDISCIPLINARY UNDERSTANDING OF ALL ARCHITECTURAL ASPECTS, INCLUDING BUILDING CODES, MATERIAL USAGE, STRUCTURAL PROBLEMS, INSTALLATIONS, TECHNICAL DRAWINGS, ENVIRONMENTAL ANALYSIS, LIFE-CYCLE ANALYSIS, AND SUSTAINABLE DESIGN PRINCIPLES, GAINED THROUGH 6 YEARS OF WORK ON COMPLEX PROJECTS AT UNIVERSITY AND OVER 1 YEAR OF EXPERIENCE AT AN ARCHITECTURAL OFFICE.

● **COMPUTATIONAL DESIGN:** PROFICIENT IN USING GRASSHOPPER SCRIPTING AND PYTHON CODING TO OPTIMIZE STRUCTURAL SOLUTIONS AND BUILD COMPLEX PROJECTS THROUGH CODE, AS DEMONSTRATED BY THE CONSTRUCTION OF A CUSTOMIZABLE PHILHARMONIC HALL PROJECT WITH 70 INPUT PARAMETERS, RESULTING IN INCREASED EFFICIENCY AND TIME SAVINGS.

EDUCATION

2019 - 2022

MASTERS DEGREE IN ARCHITECTURE

ION MINCU UNIVERSITY OF ARCHITECTURE AND URBANISM, BUCHAREST, ROMANIA

2016 - 2019

BACHELOR DEGREE IN ARCHITECTURE

ION MINCU UNIVERSITY OF ARCHITECTURE AND URBANISM, BUCHAREST, ROMANIA

2011 - 2016

HIGH SCHOOL

ACADEMIC LYCEUM OF FINE ARTS "I. VIERU", CHISINAU, MOLDOVA

EXPERIENCE

JUL. 2021 - DEC. 2022 | 1 YEAR 6 MONTHS

BAIRR ARCHITECTURE, BUCHAREST, ROMANIA

INTERN ARCHITECT. CONTRIBUTED TO THE INITIAL DESIGN PROCESS OF PROJECTS BY CREATING SKETCHES AND DRAWINGS, AS WELL AS CREATING DETAILED 3D BIM MODELS. IDENTIFIED AND IMPLEMENTED MODIFICATIONS TO IMPROVE ENERGY EFFICIENCY AND FUNCTIONALITY DURING THE RENOVATION PROCESS, WHILE OVERSEEING PRECISE MEASUREMENTS OF BUILDINGS. DEMONSTRATED EXPERTISE IN BOTH TECHNICAL AND CREATIVE ASPECTS OF ARCHITECTURE, MAINTAINING HIGH STANDARDS OF QUALITY AND ACCURACY IN ALL ASPECTS OF ARCHITECTURAL WORK.

EXTRACURRICULAR ACTIVITY

CONTESTS

KOALA HEAVEN, AUSTRALIA | PARTICIPATION

JACQUES ROUGERIE FOUNDATION SEA COMPETITION | PARTICIPATION

COURSES

LANDSCAPE ARCHITECTURE DESIGN LAB, RE-THINKING CITIES UNDERGROUND (EPFL, EDX)

THE ART OF STRUCTURAL ENGINEERING: VAULTS (PU, EDX)

JAPANESE ARCHITECTURE AND STRUCTURAL DESIGN (UTOKYO, EDX)

