

A S H K A N R A D N I A

Architect | Computational Designer

ashkanradnia.com

✉ aradnia@uncc.edu

☎ +1-980-319-29-59

👤 AshkanRdn

🌐 AshkanRadnia

Education

Master of Architecture | Master of Information Technology

UNC Charlotte

2021

Expected Graduation

Bachelor of Architecture

Azad University Tehran

2017

Employment

UNC Charlotte | IDRL Lab | D-Arts Lab

Research Assistant (BIM big data | ML development(image classification, Regression, clustering))

2018-Present

Ivan Depena Studio

Computational Designer (Design Development | Digital Fabrication | Visualization)

2018-Present

FAAM Studio

Co-Founder (Design and Construction | Architectural Visualisation)

2018-Present

Hanbury Architects

Summer Scholar (Military Circle Master Plan proposal , Norfolk, VA)

2020

CAAT Studio

Junior Architect (Research, Design, Construction | Design Competitions)

2013-2018

Sadr Abnieh

Intern Architect (Design Development | Feasibility and Cost Study | Superintendent)

2011-2013

Achievement / Awards

ACSA Steel competition | 3rd place winner for Urban Roots

2020

Robert Bruce Thompson Lighting Competition | Citation for Presentation Award

2020

ACSA Annual Conference | Co-presented "A Big Data Approach to BIM Models" paper

2018

WASTE Multi-Purpose Stadium Competition | Short-listed Top 50

2018

World Architecture Festival (WAF) | Chitgar Multi-Purpose Complex Finalist

2018

Graduate School Tuition Award(GASP) | Full Tuition Waiver and Stipend

2018

Arch Daily's "The Best student Design-Build" | Urban installation #5

2017

Art school space design competition | 1st Place Winner

2017

Arch Daily's "The Best Drawings of Year" | Kahrizak Drawings

2015

Skills

Modeling / Rendering / Graphics

Auto cad | Revit | Rhino | Adobe CC | qgis | Blender | Maya | Sketchup | V-ray | Keyshot | Lumion

Programming / Development / Web

Python (Tensor flow , Pandas , scikit-learn) | C# | JavaScript | mySQL | MongoDB | HTML | CSS | Node.js | React | Grasshopper | Dynamo | PyRevit | Touch Designer | Unity

Fabrication / Prototyping

CNC Milling (VCarve , XYZ) | Robotics (KUKA) | Raspberry Pi | Arduino | Kinect
Hololens | Metal and Wood working

Course Work

Applied Machine Learning | Scripting | Human-Computer Interaction | Applied Databases |
Network Based Application Development | Computational Methods | Computational Practice