

Anirudha Agara

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Experience

- 2021** **ShapeDiver | ARPM , Vienna**
Computational designer | Architect
Developing parametric scripts for cloud applications and online workflows - converting designs into parametrically controlled optimised meshes. (Using Rhino/Gha and third-party APIs).
Developing customized BIM workflows through grasshopper and custom C#.
Designing and producing computationally generated drawings for manufacturing and assembly.
- 2020** **Rat[Lab], (Remote)**
Computational design consultant
Remote computational consultant, contributed in research and development of computational toolkit (grasshopper script + plugin devp.) for design and analysis of stadiums.
- 2019** **JDS Architects, Copenhagen**
Architect
Works with Julien De Smedt include intensive conceptualization, designing and detailing process of building and their iterations. (Competitions and commissions)
- 2018** **Vastu Shilpa Consultants, Ahmedabad | Sangath**
Architecture assistant
Internship with 2018 pritzker laureate B.V.Doshi.
Roles revolved around constructing parametric model for 3d printed shell dome for Nalanda library (in collaboration with ICD Stuttgart) , development and GFC drawings for Flame university and IIM Udaipur.
- 2016** **WEsearch Lab, Delhi**
Architecture intern
Worked with Ar. Joy Mondal, grasped parametric tools and explored application of automated multi-objective optimization techniques on architectural discourse.
- 2016** **Smart city Pune, Pune**
Architectural team member
Worked with Pune Municipal Cooperation and Mckinsey on developing proposal for smart city infrastructure policy and planning.

Software

- 3D Modelling + Drafting**
Rhino + Grasshopper, ArchiCad, Revit, AutoCAD, SketchUp
- Rendering**
Vray, Lumion, Blender, Keyshot
Unity 3D (Basic)
- Scripting (Basic)**
C#, Python, p5.js, Html, CSS
- Post production**
Adobe creative suite

Education

- 2021** **University of Sydney**
Masters of Architecture
- 2019** **Brick School of Architecture, Pune**
First class with distinction | Bachelors of Architecture | 5 years

Recognition

- 2018** **Best Design project (High density housing)**
BSOA Institute award
- 2017** **Annual NASA Design competition**
National winner | Team Leader
- 2016** **Nari Gandhi Trophy**
National winner | Team Leader
- 2016** **Architecture Quotient**
Second place | National
- 2015** **NASA Industrial design**
Shortlist top 10 | Team member

Activities

- 2020** **Computational design workshop**
Tutor
- 2017** **Audio Visual Story telling**
Participant
- 2016** **International workshop on smart cities-
Mobility and Infrastructure**
Delegate

