

Simran Bajaj

LEED AP BD+C | Assoc. AIA | M.Arch

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A creative, passionate and environmentally conscious architectural designer on path to licensure seeking a position in architecture, design and planning.

EDUCATION

Georgia Institute of Technology, Atlanta, GA

M.Arch | August 2019 – May 2021

- Courses: Building Physics Modelling, Building Simulation in Design Practice, Evidence Based Design – Healthcare, Revit Architecture, Urban Design Studio, Construction Technology, Integrated Building Systems, Media & Modelling

School of Architecture and Planning, Anna University, India

B.Arch | August 2014 – May 2019

- Represented Anna University at the 'Foreign Technical Training Program' hosted at Universiti Teknologi Petronas Malaysia.
- Published a dissertation on 'Architecture and the Rising Sea Levels' in TECH TIMES.
- Undergraduate Thesis on 'Collab-Hub: Coworking space for creative artists'.
- Rank 3 - Undergraduate batch of 2019 | First class with distinction.

PROFESSIONAL EXPERIENCE

SSEO Inc., Birmingham, AL, USA

Architect 1 | July 2021 – Present

- Primarily involved in design development, code analysis, Revit modelling, preparation of construction drawings and sustainability studies for a Greenfield Electric Vehicle manufacturing center under the Automotive Facilities [AMF] team.
- Organized discipline work plans, prepared CD and IFC drawings, inter-discipline coordination, reviewed specifications and submittals for a water treatment plant in the South-Central USA.
- Analyzed sustainability goals and prepared documentation for LEED certification of two high performing facilities projects.

Studio 30 Architects - RSP Design Consultants, Bengaluru

Architectural Intern | Dec 2017 – March 2018

- Developed schematic and construction drawings, façade systems designs and staircase options for corporate office projects.
- Involved in construction administration for an ongoing project, process model making and client meetings.

SHROFFLEON, Mumbai

Architectural Intern | July 2017 – Oct 2017

- Involved in interior design, furniture design, design detailing, 3D modelling, material selection, client and vendor meetings for high end luxury apartment complexes as well as office interiors.
- Chosen to collaborate on an art installation project for 'Good Earth' wallpaper company in partnership with Asian Paints.

Sri Interiors, Coimbatore

Architectural Summer Intern | May 2016 – June 2016

- Assisted with the conceptual design development, client meetings and site visits for the interior design of an apartment.

Georgia Institute of Technology, Atlanta, GA

Graduate Teaching Assistant | August 2020 – May 2021

- Course: Foundations of Architectural Theory - Assisted in preparation of course materials and supported students.
- Course: Enlivening Archives + Heritage BIM - Implemented research and documentation for Historic Structures Report on the Edmund Pettus Bridge in collaboration with the Atlanta Preservation Centre and the National Park Service.

Georgia Institute of Technology, Atlanta, GA

Student Administrative Assistant | Jan 2020 – May 2020

- Managed office responsibilities at the College of Design.

SOFTWARE SKILL

Drawing and 3D Modelling

AutoCAD, Autodesk Revit, BIM360, Google SketchUp, Rhinoceros, Grasshopper

Rendering

Lumion, Vray, Enscape

Presentation

Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Microsoft Office, Bluebeam Revu

Energy Analysis and Simulation

Cove Tool, One Click LCA, Ladybug, Honeybee, Octopus, Energyplus, Climate Consultant

ADDITIONAL SKILLS, RECOGNITIONS & EXPERIENCES

- Participated in the EPA Campus RainWorks Challenge 2020 to design green infrastructure for American Universities.
- Mapped flooding patterns in Chennai as part of 'Water Walkshop' in collaboration with University of Westminster, London.
- Hands-on experience in sustainable building construction techniques at Sacred Grooves, Auroville.
- National Finalist at Teen of The Year for my project on Water conservation implemented across various schools in Chennai.
- Participated in 'Border of Peace' International Competition and several ZONASA events during my undergraduate education
- Interests - painting, sketching, model making, graphic design, dance, basketball, photography

CERTIFICATIONS

Licensed Architect – Council of Architecture (India)

August 2019

LEED AP BD+C

March 2022

LEED Green Associate

February 2021

Portfolio: https://issuu.com/simran_bajaj/docs/portfolio_simranbajaj