

EDUCATION

M.S. Arch 2021-2022

Iowa State University (ISU), Ames, USA

Rome Semester 2020

College of Design ISU, Rome, Italy

B. Arch 2016-2020

Minor: Sustainability

Iowa State University (ISU), Ames, USA

PORTFOLIO

gautampradeep.cargo.site ([↗](#))

EMPLOYMENT

Emerging Architectural Professional | May 2022 - July 2024

Studio Combine | North Liberty, IA

Collaborated comprehensively with the architect and studio team in multiple capacities for various projects. Lead integration of new GIS, climate analysis, and visualization capabilities within the firm design process. Experience in various project occupancy types including (but not limited to) mixed-use, assembly, business, educational, mercantile, and residential (small to mid-rise).

Assistant Professor of Practice | Jan 2023 - June 2023

Iowa State University | Ames, IA

Co-taught a third-year architecture studio (Arch 302) focused on the design of urban housing in a post-pandemic San Francisco, where students were encouraged to analyze and reimagine urban housing solutions critically. This pedagogical framework was designed to equip students with a deeper understanding of the socio-economic, legal, political, environmental, and spatial dynamics shaping contemporary and future housing landscapes.

Graduate Teaching Assistant | Aug 2021 - Dec 2021

Arch 482/582: Professional Practice | Iowa State University | Ames, IA

Teaching assistant to faculty. Delivered a range of teaching assignments at undergraduate and graduate level. Responsible for exposing students to relevant professional practice issues, grading assignments and assisting faculty in creation and distribution of course content.

Graduate/Undergraduate Research Assistant | May 2019 - May 2021

Computation+Construction Lab (CCL) | Ames, IA

Contributed to research on digital fabrication and computational design. Assisted lab research and courses in various capacities, helping cultivate and advance workflows for digital fabrication technologies and teaching students to use the same. Responsibilities were in line with the lab tenet of democratization of access to and knowledge about technology in architecture.

SKILLS

BEM: Climate Studio, DIVA, Sefaira

BIM/3D Modeling: AutoCAD, Revit, Rhino, 3DS Max

Computation: Arduino Code, Grasshopper, Python

Fabrication: Casting, Ceramic + 3D Printing, CNC Milling, Laser + Plasma Cutting, Vacuum Forming

Data/Visualization: Enscape, Illustrator, InDesign, Photoshop, Premier, QGIS, Twinmotion, V-Ray

AFFILIATIONS

American Institute of Architect

Associate | 2022-present

Iowa Architect Magazine

Associate Editor, Writer | 2022-2024

National Organization of Minority Architecture Students

Member | 2018-2021

Iowa State University Chapter

REFERENCES

Andrew Ballard:

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Associate Professor of Practice, Architecture, Iowa State University
Principal, Studio Combine

Shelby Doyle:

doyle@iastate.edu

Associate Professor, Architecture, Iowa State University
Co-Founder, CCL

Bosuk Hur:

bhur@iastate.edu

Associate Professor of Practice, Architecture, Iowa State University
Design Principal, Folio

*More available upon request.

PUBLICATIONS

Dissertation

[“Responsive Choreography.”](#)
[ProQuest Dissertations & Theses, 2022.](#) ([↗](#))

Professional Publication

Iowa Architect, Spring 2024, “Prayer in the Prairie: Bosnjak Es-Selam Mosque Minaret”

Iowa Architect, Spring 2023, “Architect, A Specifier of ... G-Code?”