

ARJUN MEHTA

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SKILLS

- Grasshopper
- Rhino
- Python
- C#
- Revit
- Dynamo
- Parametric Modeling
- Computational Design
- JavaScript
- Written and Verbal Communication

CERTIFICATES

Autodesk Certified Professional: Revit for Architectural Design

Autodesk • 06/2023

SUMMARY

Computational designer with 4 years at a Seattle architecture firm, building Grasshopper and Dynamo tools for facade design, space planning and Revit automation. Writes Python and C# scripts and Revit add-ins that save project teams hundreds of hours. Explains parametric modeling to architects in plain terms and teaches computational design in firm workshops.

EXPERIENCE

Computational Designer

Elliott Bay Architects • Seattle, WA • 08/2022 - Present

200-person firm designing towers, campuses and civic buildings.

- Build Grasshopper scripts for parametric modeling of facade panels on 5 towers, cutting unique panel types by **45%**.
- Develop C# Revit add-ins for sheet setup and room data that save project teams about 600 hours a year.
- Automate area and program checks with Python and Dynamo, testing 12 design options against client targets overnight.
- Train 40 architects in computational design workshops and document the firm's script library.

Design Technology Intern

Three Rivers Design Lab • Pittsburgh, PA

06/2021 - 08/2021

Summer internship at a research-driven architecture practice.

- Prototyped a JavaScript web viewer that showed daylight study results to clients in the browser.
- Scripted 3 Rhino and Grasshopper tools for site massing studies on campus housing projects.
- Wrote a Python script that batch-exported 200 Rhino views for a design review, replacing 2 days of manual work.

EDUCATION

Master of Science

Carnegie Mellon University • Pittsburgh, PA • 05/2022

Computational Design