

COMPUTATIONAL DESIGNER

ABOUT THE ROLE

We are seeking emerging Computational Designers to work with our design team based in Brooklyn, New York on a freelancing basis. This role is ideal for a curious and technically skilled graduate designer who is passionate about architecture, digital design, and generative processes. The ideal candidate will bring creative energy, a willingness to experiment, and a solid foundation in parametric design tools.

KEY RESPONSIBILITIES

- Support design teams with the development of parametric and generative models in Rhino and Grasshopper.
- Contribute to physical and digital prototyping for both conceptual studies and project development.
- Participate in internal workshops, design reviews, and collaborative research initiatives.
- Assist in the preparation of visualizations, diagrams, and presentations that communicate computational strategies clearly.
- Help document workflows, scripts, and tools to build and maintain an evolving design toolkit.
- Explore the integration of environmental, structural, or fabrication data into design processes.
- Contribute to project narratives that position computational design within broader architectural concepts.

ABOUT LAVA

What if architecture, informed by scientific inquiry, could spark our imagination and redefine our understanding of the built world? Founded by Chris Bosse, Alexander Rieck, and Tobias Wallisser, LAVA is a laboratory network that explores and innovates through architecture. LAVA sees every project as an opportunity to recast architecture as a culture that inspires the evolution of a built world that is both progressive and enduring.

For more information, visit: l-a-v-a.com



YOUR PROFILE

- B.Arch, M.Arch, or equivalent degree in architecture or a related design discipline.
- Up to 2 years of relevant experience, including internships or academic research.
- Strong proficiency in Rhino and Grasshopper.
- Passion for architecture, systems thinking, digital fabrication, and emerging technologies.
- Strong graphic communication skills and attention to detail.
- Comfortable working in a fast-paced, team-oriented environment.
- Based in or able to commute to Brooklyn, with availability for in-person collaboration.
- Interest in coding or scripting is highly desirable but not required.

Join us at LAVA, where architecture becomes a laboratory for radical thinking. As a Computational Designer, you will explore the intersections of nature, technology, and spatial intelligence—shaping projects that respond to climate, context, and community. This is your opportunity to join a symbiotic design network that spans Berlin, Ho Chi Minh City, Stuttgart, Sydney, and beyond. Through hands-on prototyping, shared research, and cross-studio collaboration, you'll help transform architectural ideas into sustainable, expressive structures—building tomorrow's heritage, today.

Desired start date: As soon as possible.

Apply now via [our online portal!](#)

Please indicate the location "Germany" and input in the remark "NYC Freelancers".

Please include a cover letter that expresses your desire to work with LAVA, your complete resume, and your portfolio, including work that shows your approach and skills. Portfolios should be submitted as one complete PDF file and limited to 30 pages. Applications without a portfolio will not be considered.

We look forward to hearing from you!

