

PHONE: 917-993-4935
EMAIL: wildfeuer.peter@gmail.com
WEBSITE: peterwildfeuerdesign.com

Peter Wildfeuer

793 Hart Street
Apt # 3F
Brooklyn, NY 11237

Proficient in: Rhinoceros, Maya, Revit, Auto-CAD, Python, Javascript, Grasshopper, HTML, CSS, Matlab, Simulation Mechanical, Adobe Suite, Photoshop, Illustrator, Indesign, V-Ray, Keyshot, Microsoft Office, Machine Learning, Material Science, Structural Mechanics, Finite Element Analysis and CFD.

Design Experience:

Lead Design Futurist at **Studio Bitonti** [Brooklyn, NY] 2015-Present

- Oversaw projects related to emerging manufacturing technologies and structural optimization
- Led research, analysis and proof of concept design projects for large clients
- Managed product development and engineering for start-up clients

Adjunct Professor at **Rensselaer Polytechnic Institute** [Troy, NY] 2016

- Taught a studio on the application of biomanufacturing techniques in design
- Guided the construction of a large mycelium paste 3D printer.

Architectural Designer at **PRESENT ARCHITECTURE** [New York City, NY] 2015

- Designed plans and interiors for contractor and client approval
- Drafted millwork and construction details for project interiors
- Sourced/researched materials and products for project construction

Architectural Intern at **Avinash K. Malhotra Architects** [New York City, NY] 2014

- Designed diagrams/massings used to explain concepts and organizational strategies to clients
- Assisted with the translation of Design Development detail and plan drawings.

Related Experience:

Physics Research, **Johns Hopkins University** [Baltimore, MD] 2009–2011

- Designed and tested methods for increasing grain size of thin Aluminum Films under Professor Nina Markovic
- Defended results and findings to our lab team of doctoral candidates and professors once a month.

Education:

Johns Hopkins University [Baltimore, MD]: 2007 - 2011

Bachelor of Science in Physics [3.25 GPA]
Civil Engineering Minor

University of Pennsylvania [Philadelphia, PA]: 2012 - 2015

Masters in Architecture [3.50 GPA]

Awards & Honors:

- MD&M Conference Speaker 2017
- Città della Scienza Guest Workshop Instructor 2017
- Featured in the Permanent Collection of the Cooper Hewitt Design Museum in NYC 2016
- REU (Research Experience Undergraduate) Award for 2009 and 2010