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Peter Wildfeuer

Skills:

Proficient in: Rhinoceros, Maya, Revit, Auto-CAD, Python, Javascript, Grasshopper, HTML, CSS, Matlab, Simulation Mechanical, Inventor, Adobe Suite, V-Ray, Keyshot, Microsoft Office, Material Science and Structural Mechanics.

Design Experience:

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

- Oversaw projects related to emerging manufacturing technologies
- Recorded and presented documentation, results and design concepts to major clients.
- Designed and coded tools for data analysis and generative design in Javascript and Python
- Led design research and proof of concept projects for large companies, including Adidas, Intel and VISA
- Managed product development for start-ups, including Feetz, UNYQ and Thesis Couture
- Conceived of and produced custom polymer compounds for clients
- Pioneered research in the creation of rendered CAD based training sets for AR applications

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
- Sourced materials and products for project construction

Related Experience:

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

- Designed and Tested various methods for increasing the grain size of thin Aluminum Films under Professor Nina Markovic
- Presented 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]

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
- Third Place in the T.C. Chan Center Competition 2013
- REU (Research Experience Undergraduate) Award for 2009 and 2010