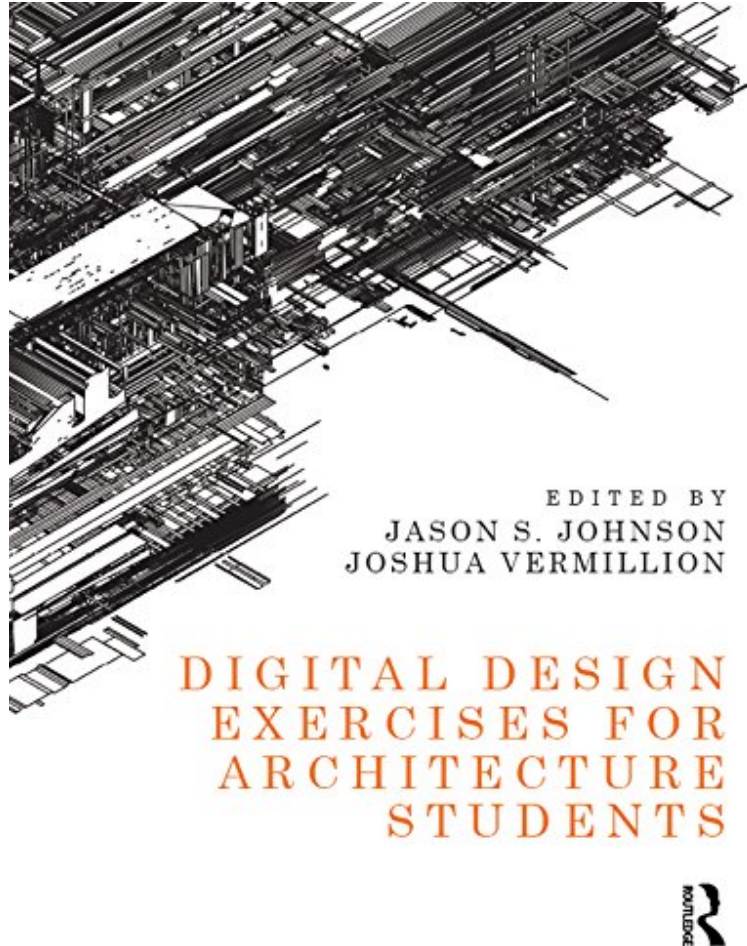


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# Digital Design Exercises for Architecture Students

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Digital Design Exercises for Architecture Students teaches you the basics of digital design and fabrication tools with creative design exercises, featuring over 200 illustrations, which emphasize process and evaluation as key to designing in digital mediums. The book is software neutral, letting you choose the software with which to edit raster and vector graphics and to model digital objects. The clear, jargon-free introductions to key concepts and terms help you experiment and build your digital media skills. During the fabrication exercises you will learn strategies for laser cutting, CNC (computer-numerically controlled) milling, and 3D printing to help you focus on the processes of design thinking. Reading lists and essays from practitioners, instructors, and theorists ground the exercises in both broader and deeper contexts and encourage you to continue your investigative journey.

About the Author Jason S. Johnson is an associate professor of architecture and co-director of the Laboratory for Integrative Design at the University of Calgary in Alberta, Canada. He is an award-winning designer and the founder of Minus Architecture Studio. Joshua Vermillion is an assistant professor in the School of Architecture at the University of Nevada, Las Vegas, USA. His teaching and research focuses on architectural applications of computational design methods, digital fabrication tools, robotics and responsive systems, advanced materials, and other emerging technologies.