

Kevin Hinz

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WORK EXPERIENCE

- 2019-Current. **Architect & Digital Specialist.** KCAP, Zurich, CH.
-Responsible to research and develop custom & generic Computational Design + software interoperability tools for Architecture & Urban Planning.
-BIM Management, Workflow Development, software Application Manager oversight, template construction, inter-office communication development, eLearning platform development & software UI expert consultant.
- 2018-2019. **Praktikant.** EM2N Architekten, Zurich, CH.
-Developing and presenting material design concepts for projects in execution.
-Architectural development, fabrication, model building, rendering, photography.
- Nov 2017-Mar 2018. **Faculty Appointed Researcher.** Université de Montréal. CA. Dept. of Computer Science and Operations Research, LIGUM.
-Specified equipment & developed safe SOP for new digital fabrication lab.
-Composed experiments to prepare numerical simulations of 3D printed clay.
- 2011-17. **Research Associate + Project Manager.** Harvard GSD and Wyss Institute: Material Processes and Systems Group (MaP+S). USA.
-Project lead for the 3D Printed pavilion "Ceramic Morphologies."
-Developed architectural prototypes with Wyss Institute-AMT technologies.
-Exhibition research, preparation, design, construction + installation (multiple).
-Experiment set up for scientific documentation.
-Lead & supporting authorship for peer reviewed journal publications.
- 2011-16. **Fabrication Lab TA.** Harvard GSD. CNC, Robotics, Wood Shop.
-CAM and Robotic file preparation and machine operation
-Technical design + fabrication for equipment in the GSD fabrication lab.
-Survey & advise the safe operation of all shop tools and CNC equipment.
2016. **Instructor. Rob|Arch 2016,** Sydney, AUS. Workshop: 'Interactive 3D Printing.'
-Support and documentation for interactive 3D printed ceramics workshop.
- 2013-16. **Design + Fabrication Consultant.** Harvard GSD. Building Services and Exhibitions Department.
-Specified and designed replacement building components for facility services.
-Developed SOP documents and project task schedules for employee rotations.
-Designed and managed procedures for the CNC production of custom exhibition components.
- 2013-current, **Owning Partner.** Arker Warehouse, Milwaukee, WI, US.
- 2006-10. **Lead Editor and Graphic Designer.** NEXT.cc, Milwaukee, WI, US.
- 1996-2010. **Independent Contractor + Builder.** Somerset KY, US.
-Client relationships, design proposals, construction estimates, schedules, coordination & execution for residential construction.

DETAILS

Nationality: American
Date of Birth: 28.03.1975
Swiss Residency Permit (B): 31.03.2023

CORE COMPETENCIES

DIGITAL

Adobe Creative Cloud:
Dreamweaver
Indesign
Illustrator
Photoshop
Premier Pro
MS Office 365 + SharePoint,
Mastercam / Robot Master,
Microstation, Recrutee,
Revit, Dynamo, Rhino.Inside Revit,
Rhinoceros + Grasshopper,
VisualARQ, basic C# & Python,
Twinmotion (VR) & Lumion, Vray,
Vectorworks, Wordpress

FABRICATION + DESIGN

Prototype development
CNC programming and tooling
GCode/Rapid Code
3D Printing: SLA, SLS, FDM, MJF,
PolyJet, Ceramic Extrusion
Machining - Tooling
Component design
Form + Mould design

TRADE SKILLS

Mechanic / Machinist
CNC Operation
Tin smith / metal work
Site survey / General construction