

Jonah Marrs

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Cambridge, MA

Education

2016-2018.....**Massachusetts Institute of Technology**
SMArchS Design Computation Candidate

2010-2015.....**University of Toronto**
M.Arch

2006-2010.....**McGill University**
B.A. History and French Language

Awards & Grants

2017.....MIT Schlossman Research Fellow Travel Award
MIT Bill Mitchell ++ Research Fund Award
MIT Harold Horowitz Research Fund Award
MIT Council for the Arts Grant
MIT Council for the Arts Director's Grant
MIT Avalon Travel Fund

2016.....MIT Design X Finalist
MIT Department of Architecture Graduate Fellowship

2015.....Kuwabara-Jackman Thesis Gold Medal Prize, U of Toronto

2010.....Honors First-Class Distinction, McGill University

Exhibits

2017.....MIT Arts on the Radar
DCI/ICD Exhibit @ CMU's Miller Gallery

2016.....Autodesk Pier 9 San Francisco Year End Show
Autodesk Pier 9 San Francisco Spring Show

Lectures

- 2017.....**University of Oxford (Oxfordshire)**
Oxford Internet Institute's *Connected Life: Digital Inequalities Conference*
- Modelling The City: The Unexpected Role Of BIM In Shaping Our Built Environment
- Carnegie Mellon University (Pittsburgh)**
Designing the Computational Image/Imagining Computational Design
- Visualizing Computer Processes.
- University of Southern California (Los Angeles)**
Working on it...Preparation in Art
- If These Files Could Talk: Extracting Patterns from Digital Archives Using Novel Forensic Techniques*
- Massachusetts Institute of Technology (Cambridge)**
Schlossman Research Fellow Presentation
- If These Files Could Talk: Extracting Patterns from Digital Archives Using Novel Forensic Techniques*

Practice

- 2017.....**Midnight Commercial (Brooklyn, NY)**
Intern (June 17'-September)
- Design and Electromechanical Prototyping.
- Massachusetts Institute of Technology (Cambridge)**
Teacher's Assistant (September 16' - May 17')
- Objects and Interactions* (2016), *Hacking the Holodeck* (2017) and *Creative Prototyping* (2017)
- Self Assembly Lab (Cambridge)**
Research Assistant (December 16'-February 17')
- Fabrication for Building 9's dynamic curtain.

Practice (cont.)

2016.....**Autodesk Pier 9 (San Francisco)**

Artist in Residence (February-May)

- Used suite of CNC tools to create spatial representations of Autodesk 3D modeling software.

2015-2016.....**Ryerson U Digital Fabrication Zone (Toronto)**

Technical Assistant (November - February)

- Maintenance of CNC fabrication tech.
- Mentoring student participants.

2013-2015.....**WORKshop Inc. (Toronto)**

Designer/Interim Manager (May 13' - December 15')

- HiQ 575: Flat packable, solar-powered e-ink haiku poetry machine prototype. Concept, design and electronics.

2014.....**Sauerbruch Hutton Architekten (Berlin)**

Intern Architect (May - December)

- Competitions in Hamburg (housing), Zürich (office) and final phase work on a Museum in Venice.

Technical Proficiencies

Software.....Adobe Creative Suite, Microstation, Rhino, AutoCAD, Inventor, Solidworks, Grasshopper, Processing, Arduino, HTML/CSS/Javascript, AVR Atmel Microchip Programming Studio, Eagle circuit board design.

Hardware.....Lasercutting, CNC Milling, 3D printing, Arduino, Custom CNC/Electromechanical Machine Prototyping (CNC Foam Cutter, Modular CNC Mill, CNC Drawing Machine).