Alisyn Malek

Bio

Alisyn is a materiality expert, fiber artist, and globe traveler. Although she have been re-engaging her fiber skills, her focus recently has been on the juxtaposition of current events - digging through new papers to create images that explore the intersection of events. Occasionally playful, usually social commentary, and sometimes just for the color- her work is generally smaller in scale forcing you approach and take time to inspect it before comprehending the content. She also works to help get other artists work out there through our efforts at Corktown Studios, and with CAMP Detroit, explore musical space as a saxophone player with Botanical Fortress, and try to get kids excited about science and sustainability working with Green Living Science. In her day job, she works as an investment manager with GM Ventures- helping tech start ups enter the automotive industry.

Education

- Masters of Business Administration
  The Kelley School, Indiana University, In Progress
- Masters of Engineering - Energy Systems Engineering
  The University of Michigan, 2012
- Bachelor of Science- Mechanical Engineering
  The University of Michigan, 2008
- Bachelor of Science- German Language
  The University of Michigan, 2008
- Relevant Coursework
    - Eng 101 - Introduction to Engineering Design for Sustainability
    - Arch 202 - Introduction to Architectural Drawing
    - Arch 218 - Introduction to Archtectural Design
    - MechEng 450 - Engineering Senior Design
    - ESE 505 - Energy Storage and Materials
    - MechEng 589 - Hybrid Vehicle Controls Design

Professional

- Sub-contract seamstress - Molly Mast Clothing, Ann Arbor MI 2005
- Cochlear Modelling Research Intern - University of Michigan, Ann Arbor, MI 2006
- Model Developer for EV Charging Systems, General Motors, Warren, MI 2008
- Hardware development and project manager, General Motors, 2009-2012
- Studio Manager/Gallery Owner - Corktown Studios, Detroit, MI, 2012
- Global Business Manager: Electrification, General Motors, 2012
- Investment Manager, GM Ventures, 2014

Research

- Biogas Compressor, Senior Design Project, 2008
- Cochlear Modeling and Research under Karl Grosh, 2006

- Electric Vehicle Charging System Efficiency, 2008

Lectures and Presentations

- Industry and Academic Relations - Invitation from SAE, 2010
- Agriculture and the urban landscape - Green Place Detroit, 2011- Ongoing
- Energy Efficiency and Smart Devices- Engineering SMART Detroit, 2012
- Millennials and the Automotive Industry - Invitation from SAE, 2012 (October)

Awards

- Class of 1931E Honors Society Scholar - 2004
- Sarah Marian Parker Scholar - 2005
- Pi Tau Sigma Honor Society Member - 2008
- Leadership Award, Engineering Society of Detroit - 2011
- Tau Beta Pi Honor Society Member - 2012

Publications

- Analysis and Modeling of Plug-In Hybrid Electric Vehicle Charging Efficiency, ASME Conference Proceedings 2010
- Industry and Academic Relations- Engineering Education and the Future of the Engineering Workforce, SAE Convergence Conference Proceedings 2010
- Making Connections: Methods of Direct Interaction in Distance Learning, Proceedings of the SAE World Congress 2011

Patents

- Variable Grounding Plug Design for Continental Europe

Installations

- Wire Car Parking Lot with Chido Johnson, ArtX, Detroit, 2011
- Node Installation, Movement Music Festival, Detroit, 2011
- Moustache to Cloud, Movement Music Festival, Detroit, 2012
- Velociplosion, Dlectricity, Detroit 2012

Exhibitions

- Resident Artist at Corktown Studio Grand Opening, 2012
- Detroit Design Festival, Corktown Reinvisioned 24 Hour Design Project, Sept 2012
- Two James Distillery, Exhibition 2013

Upcoming

- Boll Family YMCA, Exhibition December 2014