

# AYAH BDEIR

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## EDUCATION

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### MASSACHUSETTS INSTITUTE OF TECHNOLOGY THE MEDIA LAB - Cambridge, MA

#### Master of Science in Media Arts and Sciences

Sept 04 - June 06

### AMERICAN UNIVERSITY OF BEIRUT - Beirut, Lebanon

#### Bachelor of Engineering in Computer and Communications Engineering

Oct 00 - June 04

#### Minor in Sociology - Emphasis on Sociology of the Body

## RELEVANT WORK EXPERIENCE

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### EYEBEAM CENTER FOR ART AND TECHNOLOGY - New York Artist Fellow

Dec 07 - Present

Produce research and media art work in the R&D Openlab, which is committed to contributing work to the public domain

### SMART DESIGN - New York Interaction Design Freelancer

January 08 - Present

Develop an electronic sketching and prototyping platform in collaboration with Jeff Hoefs

### MUREX NORTH AMERICA - New York Financial Software Consultant

Aug 06 - Dec 07

Design and implement process workflows and interactive solutions for financial institutions, using Straight Through Processing (STP), XSL, XML, SQL and MxMLExchange

### MIT MEDIA LAB - Cambridge Teaching Assistant

Spring 05

Contributed in setting class syllabus, running project critiques and choosing relevant readings and guest speakers for Graduate Studio/Seminar entitled: "Incorporated: Embodiment, Enculturation, Technology, and the Human Form"

### MIT LAB for INFORMATION and DECISION SYSTEMS - Cambridge Research Intern

Jun - Aug 03

Underwent an eight-weeks internship in the EECS department. Worked on an innovative research on Pilot Symbol Assisted Modulation (PSAM) and wrote a Matlab program to test and simulate the findings

### THE KIDS' WORKSHOP (L'ATELIER DES ENFANTS) - Beirut Founder and Co-Organizer

Aug 99, Apr 00

Organized two five-day handicraft workshops for children aged 2 to 12 years. Total attendance exceeded 500 people

## SELECTED SHOWS AND CONFERENCES

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### FILE ELECTRONIC LANGUAGE FESTIVAL 9th EDITION - SESI Gallery - Sao Paulo

Aug 08

Will be presenting an interactive installation as part of File Media Art

### SKETCHING IN HARDWARE 3 - RISD - Providence, RI

July 08

Will be presenting work on electronics prototyping platform

### SEAMLESS COMPUTATIONAL COUTURE I AND II - MIT Media Lab and Boston Museum of Science - Boston

May 05, Jan 06

Participated in two Technology and Fashion events featuring innovative and experimental works in computational apparel design, interactive clothing, and technology-based fashion.

### OPENSTITCH - LOCATION ONE GALLERY - New York

Oct 05

Took part in 7-day artist sweatshop installation, along with 14 fashion designers and artists, ending with a runway fashion show

### THE ART AND POLITICS OF NETPORN - Amsterdam

Sept 05

Presented an interactive installation in the first academic conference on netporn

### ICC2004 - POWER ALLOCATION SCHEMES FOR PSAM - Paris

June 03

Presented publication in IEEE International Conference on Communication as part of the Communications Theory Symposium

## SKILLS

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### General

Windows OS  
Unix/Linux  
Mac OS  
Microsoft Office  
Latex  
vi

### Programming

C, C++  
MS Visual Studio  
AVR Assembly  
Python  
PHP  
Flash, Actionscript  
GIS softwares  
Matlab  
SQL  
XML, XSL

### Hardware

Eagle Layout Editor  
PSPIICE

### Design

Autocad 2D  
Corel Draw  
Adobe Photoshop  
Adobe Illustrator  
Adobe Dreamweaver  
Adobe Premiere  
Final Cut Pro  
3D Studio Max  
Google Sketchup  
Blender  
OMAX, Feature CAM

### CAD/CAM

Laser Cutter  
Waterjet Cutter  
Modela Mill  
CNC Mill  
3D Scanning/Printing  
Chemical Etching

### Electronic Textiles

Extensive research in conductive fabrics, and textile sensors/ connections

## OTHER

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Fluent in English, French, and Arabic

References and List of Publications available upon request

Hobbies include snowboarding, swimming, films, and traveling