DAVID SARMA
VFX : DESIGN : RESEARCH

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EDUCATION

The School of Visual Arts — New York, NY — 5.2008
MFA: Computer Art

New York University, College of Arts and Science — New York, NY — 5.2002
BA, Cum Laude: Math; Minors: Music, CS
Athletics: NYU Fencing

Benjamin Franklin High School — New Orleans, LA — 5.1998

WORK EXPERIENCE

Freelance: VFX, Design, Research
VFX: Retouching, Compositing, 3D
Design: App/UX, Print, Web
Research: Proposals, Test & Evaluation
New York, NY — Start: 4.2011

Cultures of Resistance
Designer: Print and Motion Graphics
Brand ID and design for documentary film.
New York, NY — Start: 2.2010

H. Theophile
Production Artist: Photo Retoucher
Retoucher for product catalog.
New York, NY — Start: 11.2007

Framestore NY
Production Artist: Effects Artist
FX, lighting, comp: Houdini, Maya, Shake.
New York, NY — Start: 9.2006

Sony Music Studios
DVD Quality Assurance
New York, NY — Start: 1.2004

NASA Goddard Institute for Space Studies
Research Associate, Web Design
Manage datasets of methane emissions from fossil fuel sources. Designed web site providing information on greenhouse gases.
New York, NY — Start: 6.1997

PROJECTS

CaseRails	CaseRails Web Application	Web: App Design	4.2014
Davidsarma.org	A Calculus for the Present	Text: Research	10.2013
PNNL	IEEE VAST Challenge: Design Review	Text: Evaluation	7.2013
IARPA	Improving Facial Representations	Text: Research	7.2013
IARPA	Perception and Computing	Text: Research	4.2013
Box Studios	Calvin Klein	2D: VFX/Retouching	9.2012
Box Studios	Give Me All Your Luvin: Madonna	2D: VFX/Retouching	2.2012
Embassy Row	Dropping Andrew	2D: Print Design	10.2011
Framestore NY	UDCP	2D: Paint/Roto	7.2011
Phosphene	Tower Heist	2D: Paint/Roto	6.2011
Phosphene	Treme	2D: Paint/Roto	6.2011
Cultures of Resistance	Soleilmoon: Muslimgauze	2D: Design, Art Direction	12.2010
Cultures of Resistance	Huffington Post: Militarization	2D: Design, Graphics	11.2010
Cultures of Resistance	OR Books: Midnight on the Mavi Marmara	2D: Design, Graphics	6.2010
Cultures of Resistance	CMC International: Cluster Munitions	2D: Design, Graphics	4.2010
Curious Pictures	Motion Capture	Performance: Dance	12.2009
Madagascar Institute	Thundersteed Jet Ponies	Sculpture: Metal Shop	9.2009
Capsule Studio	NYEventSpace.com	Web: Web Design	9.2009
Capsule Studio	CapsuleStudio.com	Web: Web Design	7.2009
Brooklyn Int'l Film Festival	Invariance	3D: Directing	6.2009
Framestore NY	Bridgestone: Hot Item	3D: FX - Rocks, Gravel	11.2008
Framestore NY	Lowes: Trim a Tree	3D: FX - Snow	11.2008
Framestore NY	GE: Crane	3D: FX - Water Splashes	7.2008
Partizan	L'histoire de l'univers par Michel Gondry	2D: Ink	9.2008
Deitch Projects	Robert Lazzarini Studio: Skeleton	Sculpture: 3D Scanning	9.2007
Josh Frankel	Bicycle Messengers	3D: Lighting, Compositing	7.2005
LSU REU	Finding Rings of Invariants	Text: Research	8.2000
NASA-GISS	Global Methane Inventory	Web: Web Design	8.1997
NASA-GISS	Growth Rate of Methane Concentrations	Text: Research	12.2000

WORK SKILLS

Software:
Images: Nuke; Photoshop; Final Cut.
Design: AE, Illustrator, InDesign; Rapidform.
VFX: Houdini, Maya, C4D.

Tools:
Work: Python, Matlab; LaTeX.
Web: HTML, CSS, Javascript.
Interests: GLSL; Arduino.

WORK AREAS

VFX: Paint/Roto/Comp; Effects, Lighting.
Design: Motion, Print, Web Design; Sculpture.
Photography: Retouching; Production.
Interests: Electrical Engineering, Dynamical Systems.

INTERESTS

Art: Drawing, Photography.
Dance: House, Breaking.
Music: Violin, Ableton.
Topics: Perception; History of computation.