

# Jaskirat Randhawa

Interaction Designer

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## WORK EXPERIENCE

### Verizon Open Innovation, New York, US

Senior Product Engineer – Software Developer

*July 2016 - Present*

Driving research and development of conversational interfaces for enterprise productivity. Pioneering the first initiative to integrate artificial intelligence with Verizon's existing messaging platforms.

### Metropolitan Museum of Art, New York, US

Internship at MET Media Lab

*September 2014 - December 2014*

Developed a kinetic sculpture controlled by a brain-computer interface for research project called Technisi. It focused on creating new interactions within the context of museum technologies.

### Outset India / Gujral Foundation, New Delhi, India

Graphic, Web Design & Development

*February 2014 - August 2014*

Worked as web developer and designer for projects involving the philanthropic organization for contemporary art.

### Creative Marketing Fix, New Delhi, India

Graphic & Web Designer

*June 2013 - April 2014*

Worked as an illustrator and a visual identity designer. Managed a team of four designers to handle multiple client projects.

### Power System Operation Corporation, New Delhi, India

Internship in Smart Grid Systems & HVDC Systems

*June 2011 - August 2011 & June 2010 - August 2010*

Studied human computer interfaces for monitoring and load management of National Electrical Grid of India.

## FOCUS



Interaction  
Design



Collaborative  
Systems



Enterprise  
Applications



Fabrication  
Technologies

## SKILLS

### 01 Domains

Interaction Design  
Web Development  
Creative Coding  
Physical Computing

### 02 Coding

JavaScript MEAN Stack  
OpenFrameworks / C++  
Android / Java  
Chat bots  
Machine Learning / Python

### 03 Languages

English, Hindi & Punjabi

## EDUCATION

### Parsons School of Design, New York

MFA, Design & Technology

*July 2014 - May 2016*

### Career Institute of Technology & Management, India

B.Tech, Electrical & Electronics Engr.

*August 2008 - December 2012*

## RESEARCH & TEACHING

### Creativity & Computation Lab, Part-Time Faculty

Parsons School of Design, New York

*August 2016 - Present*

Introducing graduate students to elemental basics of creative coding and user-centered design.

### Open Source Glass Fabrication, Researcher

Parsons School of Design, New York

*August 2015 - Present*

Currently researching on creating new methods of fabricating glass using open source CNC machines.

### Self-Assembly Lab, Visiting Researcher

Massachusetts Institute of Technology, Massachusetts

*July 2015 - Dec 2015*

Researched on Self-Assembly Architecture. Collaborated to create new 3D printing methods. Created large-scale programmable materials.

### Ketai Library for Processing, Research Assistant

Parsons School of Design, New York

*August 2014 - May 2016*

Created the workflow for *Ketai Library's* online repository. The library is used in Processing language for rapid prototyping Android Apps.

### Creative Code & Prototyping, Teaching Assistant

Parsons School of Design, New York

*February 2015 - May 2016*

Providing technical guidance to students in class for project management and approach strategies

### Bootcamp Instructor for MFA, Design & Technology

Parsons School of Design, New York

*August 2015*

Taught coding principles and practices for the incoming batch of Design & Technology students.

## Merits & Work Showcase

- Demo at ACM, User Interface Software Technology Conf. 2016, Tokyo
- Demo at ACM, Spatial User Interfaces Conf. 2016, Tokyo
- NYC Media Lab Annual Summit 2016, New York
- Verizon Connected Futures Grant 2015-16, New York
- Demo at NYC Media Lab IOT Media Mash 2016, New York
- Boston Society of Architects Space 2015, Boston
- Storefront Gallery for Art & Architecture 2015, New York
- Departmental Honors, AMT, Parsons, New York, 2016
- NYC Media Lab Combine Grant, New York, 2015
- Winner of A+E Networks History Design Jam, New York, 2015
- Dean's Merit Scholarship, Parsons, New York, 2014-2016
- Runner-Up at Hack Multiple Sclerosis Tech Hackathon, Boston, 2015
- Runner-Up at Pernod Ricard Hackathon, New York, 2015
- Research Travel Grant by Parsons, New York, 2015

### Activities and Societies, New York, 2014-2016

- Electronics Society, Co-Chairperson, Parsons, 2014
- Dorkshops, Co-Chairperson, Parsons, 2014
- Wearshops, New York, Co-Creator and Developer, 2015
- Volunteer at Digital Media Lab, Metropolitan Museum of Art, 2015