

# Claire Richards

## Expertise

### Design

#### programs

Adobe Creative Suite  
CAD : Rhino, Grasshopper  
Sketch  
Max MSP (Sound design)  
Logic Pro (Sound design)  
Premiere Pro (Video design)

#### skills

Prototyping  
Woodworking  
Metal working  
Electronic assembly  
Procedural test design  
Educational course design  
Collaborative leadership

### Productivity

Microsoft Office Suite  
SPSS (Statistics software)

### Ergonomics

UX Methods  
Safety analysis  
Interaction design  
Universal design methods

### Research

Critical analysis  
Report writing  
Literature review  
Interviewing  
Synthesizing  
Presentation

### Languages

English (Native)  
Français (très bon niveau à l'écrit et à l'oral)

## Education

### Mastère spécialisé

#### Création et technologie contemporaine

ENSCI – les Ateliers - Niveau Bac+5  
2016-2017

Masters program in industrial design, focus on tech/engineering.  
**Received diploma 2017** with a special mention 'for the quality and potential of research'.

### Bachelors of Science

#### Design and Environmental Analysis/Human factors

Cornell University 2012-2016  
**Received diploma 2016.**

### License

#### Interior Architecture

Académie Charpentier  
C.E.S.A.C. : 'Certificat d'études spécialisées A.Charpentier'  
**Received diploma 2015.**

## contact



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## Career Goals

### **Obtain doctorate degree**

Research focus areas:  
- Cerebral flexibility  
- Sound design and music  
- Technical industrial design  
- Production methods

### **Dream Position**

Design Researcher  
& Innovator, Team Leader

## Professional Experience

### Researcher in residence

Freelance. Collaboration between Institut de recherche et coordination acoustique/musique (IRCAM) and le Centre Hospitalier Sainte Anne (GHU).  
Research project entitled "Modulation sonore de l'anxiété".  
I am leading the literature review and professional interviews which will serve as the foundation of future publications.

Paris, France  
November 2018 - Present

### Group Design Facilitator

Specialized Masters program "Innovation by Design"  
ENSCI - Les Ateliers.  
Freelance. I am facilitating the design process and guiding group decision-making for masters students coming from business backgrounds.

Paris, France  
October 2018 - Present

### President

Cooperative student housing, 660 Stewart at Cornell University.  
I handled all social issues and served as liaison between the student organization and the University directors.

Ithaca, NY, USA  
January - May 2016

### Assistant to the Director

Cornell Human Ecology Exchange Programs Office.  
Using HTML and the Adobe Suite, I re-designed and streamlined the user experience of the exchange programs' online presence.

Ithaca, NY, USA  
January - May 2014,  
August - December 2015

### Intern - Research and development

**AURASENS** - Olivier Zeller et Nicolas Leroy.  
I researched concurrent products and conducted bibliographical research to provide a written synthesis of suggestions related to health and well-being for their product's future commercial direction.

Paris, France  
July - October 2017

## Intern - Research and development

INPROCESS- Head of Innovation Research - Isabelle Bonete

Participation in design and project research. I attended and transcribed client interviews and translated documents from French to English. I observed and participated in the design process for several occurring projects.

Suresnes, France  
July - August 2015

## Architectural and Design Works

### Design and Architectural Work: The Intag Project

I learned alongside women artisans in Intag, Équateur how to further establish their handmade products. I participated in group conferences about ecological sustainability, design, and socio-political environment issues. I travelled to Ecuador to assist in the re-design of their boutique and stay with an Ecuadorian family in Intag.

Intag, Ecuador  
Ithaca, NY, USA  
September 2013 -  
March 2014

### Architectural Research

Realization of wooden structures. Design and construction of a bamboo spaceframe architectural structure.

I built metal pieces of the structure using metal working machines, mixed the concrete filling for the bamboo, and conducted test procedures.

Ithaca, NY, USA  
Fall 2013 - Summer 2014

### Ergonomic Research

I worked at Cornell's Ergonomic lab for a research project with **Humanscale**: study of user behavior towards understanding of ergonomic chair settings. I analysed user data with SPSS, a statistics program.

Ithaca, NY, USA  
Summer 2014

## Awards

Dean's List (Semester GPA of 3.7 or above) -  
Cornell University

Ithaca, NY, USA  
Fall 2012 and Spring 2014

## Expositions

**Masterpiece(s)**  
ENSCi - les Ateliers

November 2017 - January 2018

**Diplorama**  
ENSCi - les Ateliers

January 2018

**BIENNALE ÉMERGENCES - Metiers d'art et du design**  
Centre national de la danse - Pantin

October 2018

## Invited Speaker

**Design en Séminaire - ENSCi - les Ateliers**

5 March 2018

Contributor during a seminar whose subject was "Multi-sensorial extensions of mobility".

Wiki Link: <http://design-en-seminaire.ensci.com/thematiques/design->

## Continued Education

**Think Design : Innovate and Transform Business by Design**  
ENSCi - les Ateliers

27 and 28 September  
2018  
(14 hours)

"Understand mutations and emergent uses to identify new fields of innovation and extend the perimeter of offers of the business."