

# ALLISON MILLER

Designer | Researcher | Strategist

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## OVERVIEW

### EDUCATION

Georgia Institute of Technology  
Master of Industrial Design  
Class of 2017  
GPA 3.840

Mount Holyoke College  
BA Studio Arts, Minor in Biology  
Class of 2011  
GPA 3.653  
Cum Laude

### RELEVANT SKILLS

Business Model Development,  
Ethnography, Prototyping, Human-Centered Research, Industrial Design, Research Methods, Start-Up Mentorship, Strategy, Sustainability + Development Research

### TOOLS

Software: Adobe CC Illustrator, InDesign, Photoshop, Solid Works 5.5, Keyshot, Microsoft Office

Prototyping: 3D Printing, Wood, Metal, Sign Foam, Paper, Foam Core, Cardboard

Languages: Beginner French, Beginner Spanish

## AWARDS

### 2017

- IDSA IDEA Silver Award, Student
- Core77 Design Education Notable
- Core77 Open Design Notable
- Georgia Tech CRIDC Travel Award

### 2016

- Technology Association of Georgia "Once In a Millennial" Nominee
- Georgia Tech ADVANCE College of Architecture Graduate Student Winner
- Georgia Tech School of Industrial

## PROFESSIONAL EXPERIENCE

### PROGRAM MANAGER

Spark Corps | Atlanta, GA

May 2015 - Present

Oversees the project management and creative direction of design work focused on nonprofit and social impact driven missions; Leads new business and client management efforts including the acquisition of 7 unique clients and the oversight of 12 client portfolios; Manages project budgets in the range of five to six-figures, and a six-figure organizational operating budget; Leads the correspondence amongst Spark Corps ten advisory board members; Trains and mentor Spark Corps Design Apprentices including 6 individuals over the past two years.

### GRADUATE RESEARCH + TEACHING ASSISTANT

Georgia Institute of Technology | Atlanta, GA

September 2014 - May 2017

**INTRODUCTION TO SUSTAINABLE SYSTEMS AND COMMUNITIES** - Assisted Dr. Kim Cob, Dr. Matthew Raelff and Dr. Beril Toktay with grading, curriculum development, and advising for a class of 12 undergraduate students; Helped facilitate conversations around the intersections of human centered design thinking, sustainability theories and community engagement.

**TECHNOLOGY AND SUSTAINABLE COMMUNITIES** - Assisted Dr. Ellen Zegura with grading, curriculum development, and advising for a class of 20 undergraduate students; Helped facilitate conversations around sustainability and social equity as it relates to technology and engineering curriculum.

**DATA VISUALIZATION RESEARCHER** - Provided data visualization deliverables to Dr. John Leonard and the Georgia Tech College of Engineering Dean's Office based on the research of academic trends and goals that align with the growth of Georgia Tech

**HISTORY OF ART I&II** - Assisted Dr. Joyce Medina in managing attendance, exams, and keeping records for 200 undergraduate students; Assisted the professor with general administrative tasks.

### ASKNATURE COMMUNITY + CONTENT DEVELOPER

The Biomimicry Institute | Missoula, MT

August 2014 - February 2015

Curated and researched content to be featured on AskNature.org; Edited public facing content featured during the 2015 Biomimicry Institute Global Design Food Challenge; supported partner outreach and volunteer efforts.

### INTERNATIONAL HEALTH + DEVELOPMENT VOLUNTEER

Ecuador & Peru | South America

July 2013 - October 2013

Self-designed a 4-month service trip through Peru and Ecuador to learn about International development in the areas of public health, sustainable agriculture and education.

Design Graduate Best In Show  
Runner-Up

## EXHIBITIONS

### GROUP PROJECT

- 2017 Dubai Design Week, Global Grad Show
- 2017 New York Design Week, Power Me
- 2016 New York Design Week, Judge Me
- 2015 MA! Design Expo

### INDEPENDENT PROJECTS

- 2015 Georgia Tech Wearable Symposium

## PUBLICATIONS

- American Soc. For Cell Biology: Image 24842, 25365 and 25357 on the ASCB's The Cell: An Image Library
- The Biomimicry Institute: 15 bi-lines on the Biomimicry Institutes's AskNature; Illustrations: "Taking a Pounding: How Woodpeckers Avoid Concussions "
- Mt. Holyoke College Archives: "Light, Color and Form as Wave"
- National Geographic Education Blog: "Creature Feature: Woodpeckers are Pros at Protecting their Brains;" "Creature Feature: Ants Don't Have Traffic Jams"

**COMMUNITY HEALTH WORKER, PARTNERS IN HEALTH** - Assisted with the instruction of a first aid course for 60 local promotoras in the resource-poor, Lima, Peru districts of Carabayllo and San Juan de Lurigancho

**COMMUNITY DEVELOPMENT INTERN, FUNDACION RUNA** - Supported various programs focused on sustainable farming practices, expanding farming opportunities for indigenous communities, and social media marketing

**ARTS & LITERACY INTERN, FUNDACION ARTE DEL MUNDO** - Coordinated arts and literacy based programming for children and adults in the community of Banos, Ecuador as well as managed the organization's social media platforms.

### CLINTON GLOBAL INITIATIVE AMERICA WORKFORCE DEVELOPMENT + EDUCATION INTERN

Clinton Global Initiative | New York, NY

January 2013 - May 2013

Worked on a team in charge of organizing speakers and programming for the CGI America 2013 annual conference in the areas of STEM education, early childhood education, workforce development, and disconnected youth; Assisted in recruiting attendees with a knowledge of clinical and public healthcare, managed care, ACOs and community health programs; Researched workforce trends and domestic economic recovery initiatives to supplement conference preparation.

## COMMUNITY INVOLVEMENT

### TOAST MODA CO-CHAIR + BOARD MEMBER

Museum of Design Atlanta | Atlanta, GA

September 2016 - Present

Collaborate with a board of 10 early and mid-career designers to develop Toast MODA programming aimed at connecting interdisciplinary designers in the metro Atlanta area while building Atlanta's creative community.

### IDSA GEORGIA TECH MEMBER + BOARD TREASURER

Georgia Institute of Technology | Atlanta, GA

January 2015 - May 2017

Served as Student Chapter Treasure for the 2015/2016 academic term; Planned and implemented IDSA programming within the Georgia Tech Community while serving as a representative at IDSA Atlanta events; Provided team leadership and mentorship to high school design students during 48-hour design challenges.

### BIOMIMICRY INSTITUTE VOLUNTEER CONTENT CONTRIBUTOR

The Biomimicry Institute | Missoula, MT

October 2013 - August 2014

Provided literature research and scientific illustrations for biomimicry mechanisms to be published on the Ask Nature strategy pages.